

HOUSE & GARDEN

January 1936

A Condé Nast Publication



Price 35
Cents

THE ISLANDS OF

Hawaii

KAUAI

OAHU

MAUI

HAWAII

★ Oahu, Honolulu's island, is one of the four main counties of the Hawaiian group. The others—Kauai, Maui and Hawaii—share Oahu's advantages, but offer their own individual beauty and diversion.



ROBERT MACK

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★ At play in Honolulu. Natural color photograph taken in Hawaii

Waikiki—the world's most famous beach—is only part of Hawaii's great diversity! All of her islands are rimmed by superb beaches... white sands, black sands, "barking" sands... shaded by slanting coco-palms, washed by lazy surf. You may swim in perfect comfort at any time by clock or calendar... midnight or noon... January or June!

Behind her shorelines, high-speed motor-roads wind through verdured canyons... past plantation-lands... and climb to the inspiring summits of great volcanoes.

Behind her gaiety and varied pleasures is Hawaii, the community, modern and Ameri-

can. A community of fine schools... lovely homes... shops that are fashion centers. A land of boundless energy... imparting to all an unique joy of living.

When you turn westward to these isles like no other place in the world... let us know your sailing-date, that we may welcome you... with scented necklaces fresh woven from our native flowers... the Aloha lei greeting, proud tradition of Hawaii! Nowhere else does a community say "how-do-you-do" with such sincerity and grace. Write us by all means.

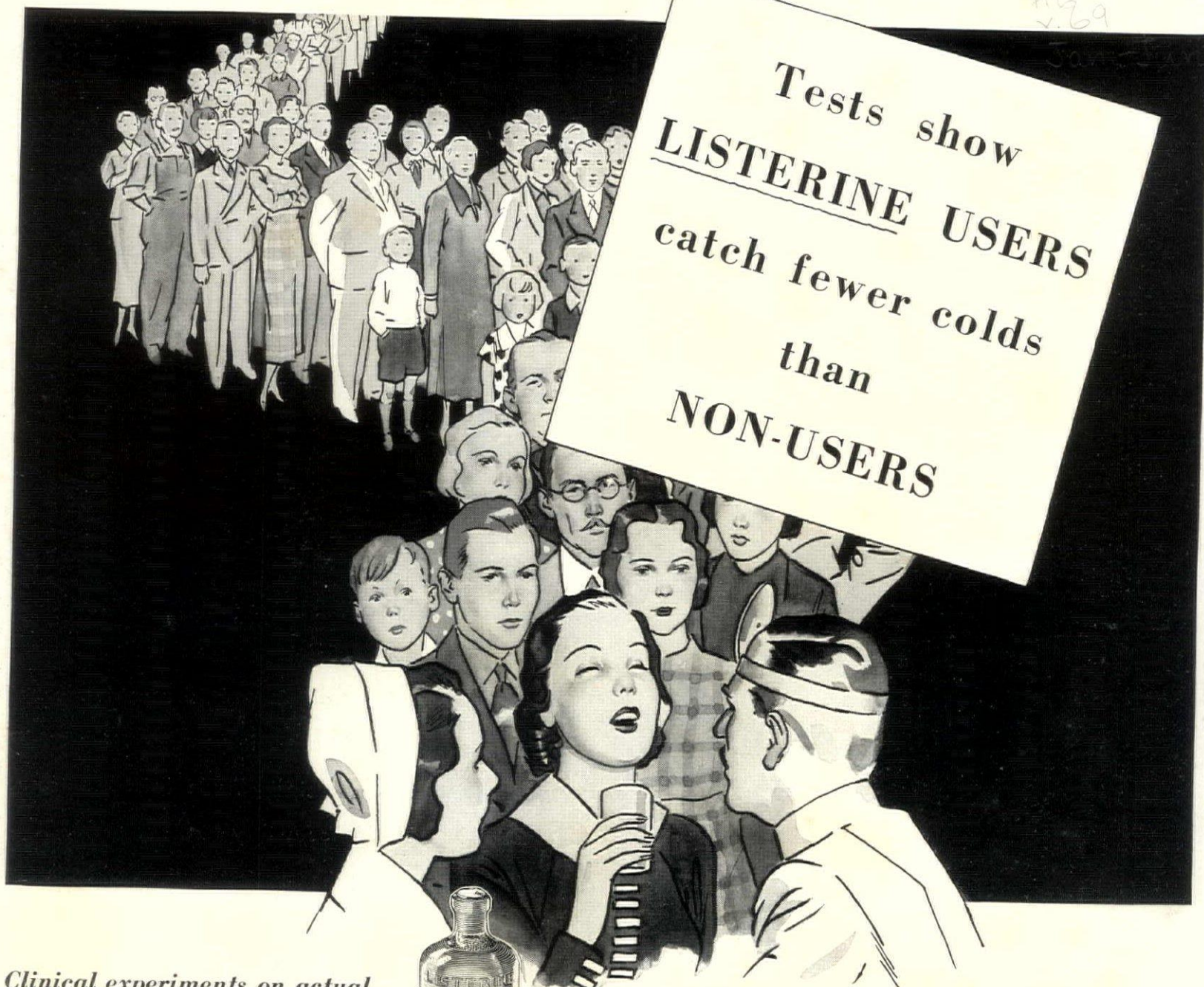
From routine to rapture is an instant change! Swift, luxurious steamships sailing from Los

Angeles, San Francisco or Vancouver, B. C. speed over this glorious sea-way in less than five days. Our booklet, "Nearby Hawaii" and "Tourfax" bulletin contain complete information, invaluable in planning your visit. Free, from your railway, steamship, or travel agent, or Hawaii Tourist Bureau, 4 Main Street, San Francisco, Calif.; 1001 Flower Street, Los Angeles, Calif.

This Bureau, with headquarters at 765 Bishop Street, in Honolulu, is a non-profit organization, maintained by

THE PEOPLE OF HAWAII

to enable you to obtain accurate information on any subject concerning the entire Territory of Hawaii, U. S. A.



Clinical experiments on actual people show value of antiseptic treatment in controlling colds

If you or any member of your family is troubled with colds read the following carefully. It suggests a remedy that may help you as it has helped others.

In the winters of 1930-31, 1931-32, and 1934, medical supervisors selected large numbers of people and divided them into two groups. One group gargled with Listerine. The other group did not. At the end of each winter, the number of colds contracted by each group was compared.



This comforting result was noted:

Fewer Colds and Sore Throats

In a majority of the tests those who gargled Listerine twice a day or oftener caught fewer colds than non-garglers.

When Listerine users *did* catch cold, their colds were milder in character and of shorter duration than colds of non-users. And note this: Users of Listerine had fewer cases of sore throat.

Listerine kills germs in throat
Why such gratifying results? Here

is the answer: Germs associated with colds and sore throat are killed by millions when Listerine is used as a gargle. Nature is given a helping hand in resisting germ invasion.

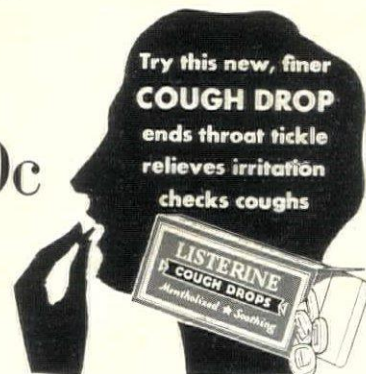
Think of what the last cold you had cost you, in discomfort, inconvenience, and dollars and cents; then ask yourself if the twice-a-day Listerine treatment isn't worth trying. Lambert Pharmacal Company, St. Louis, Missouri.

LISTERINE

for the quick relief of Sore Throat

10c

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COUGH DROP
ends throat tickle
relieves irritation
checks coughs



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8,000

COME, SHARE in the profits of international commerce. Select your merchandise from the very latest offerings of 25 countries. Know what the entire world offers in your lines. The semi-annual, international Leipzig Trade Fairs are more than 700 years old. Today they attract some 200,000 visitors representing the smartest buyers and business executives of 75 nations.

In the *General Merchandise Fair* (March 1st-6th), there are 6,000 exhibitors—showing every conceivable line for the specialized store and the department store. Their exhibits include the standard lines—and invariably a wide selection of profitable new items. The firms which cover the Leipzig Trade Fairs are always six months ahead of their competitors—in being able to offer their customers interesting and attractive new merchandise, distinguished in style and quality.

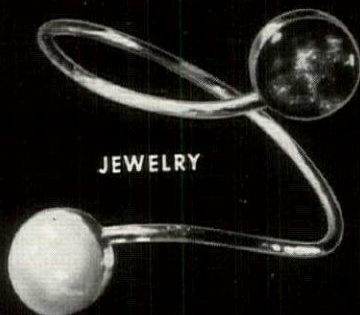
With general conditions in the United States showing steady improvement, your opportunity to sell the distinctive and unusual is now greater than at any time in the past five years.

In the *Great Engineering and Building Fair* (March 1st-9th),

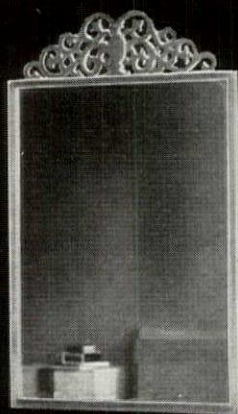
HOUSEHOLD
APPLIANCES



ARTS AND CRAFTS

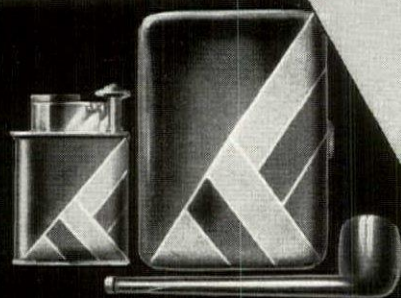


JEWELRY



FURNITURE

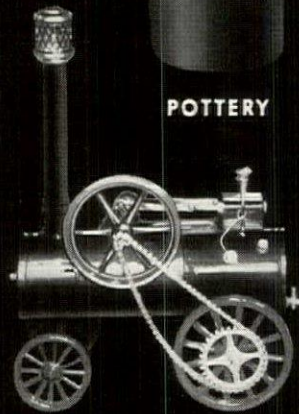
SMOKERS' ARTICLES



LIGHTING
FIXTURES



POTTERY



TOYS

LEATHER GOODS SPORTING GOODS WATCHES
MOTION PICTURE EQUIPMENT PAPER GOODS
NOTIONS ARTS AND CRAFTS TEXTILES
TRAVELING REQUISITES GLASSWARE
HARDWARE OFFICE APPLIANCES

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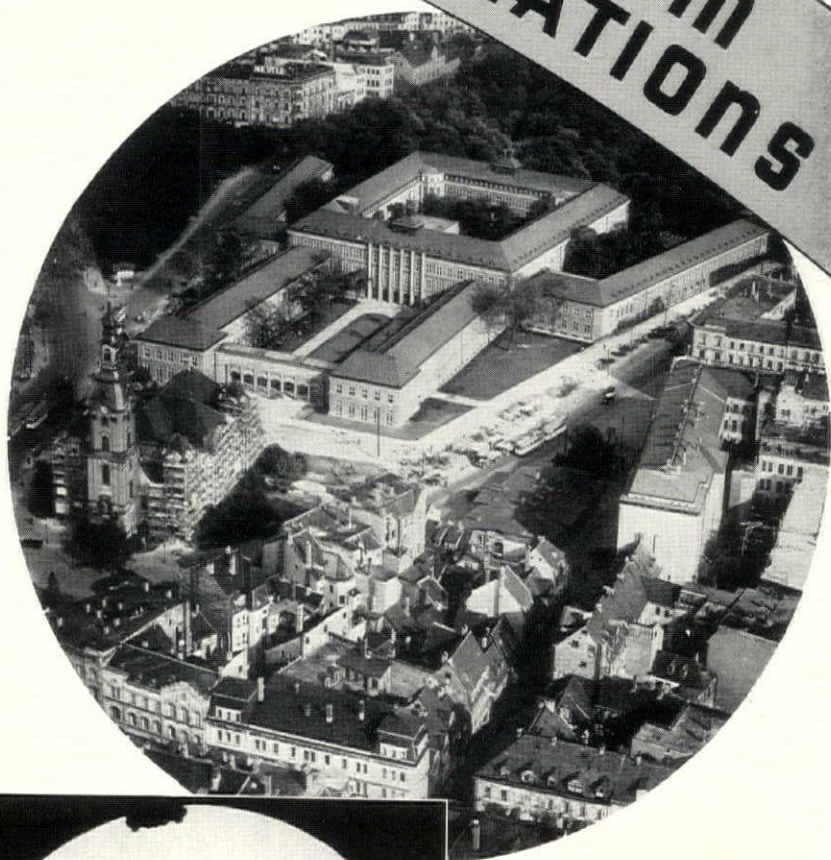
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EXHIBITORS

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25 NATIONS

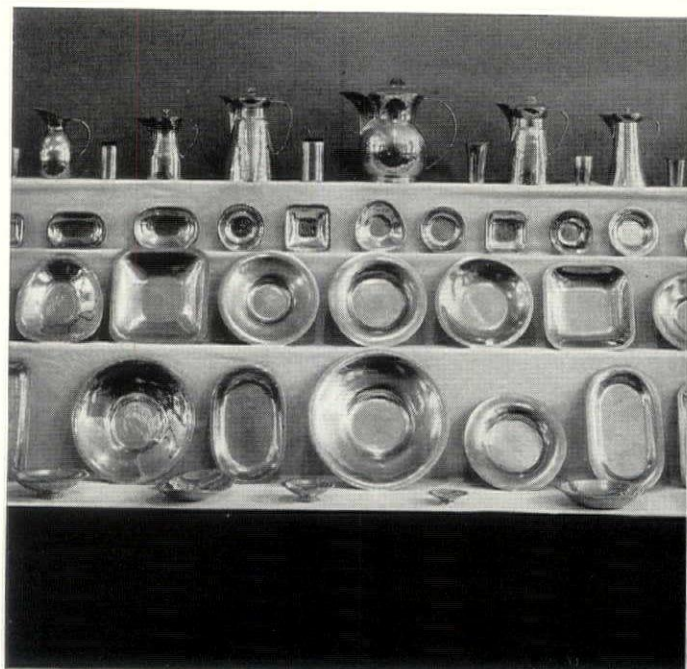
there are 2,000 exhibits of machinery, tools, equipment and manufacturing processes for every purpose.

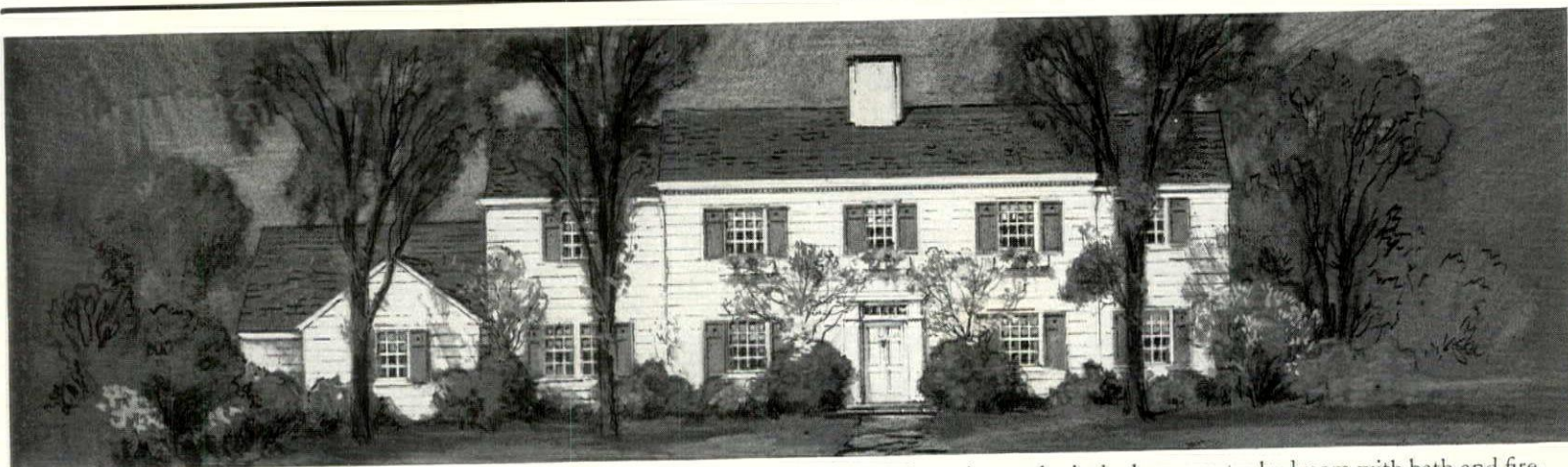
The Spring Fair opens March 1st. In less than a week's time you cover all your buying needs. Please communicate with us for full details on the lines in which you are interested. Write for Booklet No. 21. We can cooperate with you to such a degree that you will know before you sail, just what you are seeking and how to find it with a minimum of time. Important travel discounts are available to Fair visitors. Your inquiry involves no obligation. Leipzig Trade Fair, Inc., 10 East 40th Street, New York City.



Air view of the Grassimuseum—which houses the recognized leaders of all divisions of Arts and Crafts...a building of particular interest to interior decorators

The Administration Building of the Leipzig Trade Fairs—located on the old Market Place





An Imposing Home at Moderate Cost . . .

It cannot be said of this house, outwardly so charming, "The interior disappointed me." The reputation of this organization for homes of advanced design is strikingly exemplified in this well-planned interior. It is truly a home for entertaining, featuring a large entry and hallways, spacious living room opening out on a flagstone terrace and a study, each with its log-burning fireplace. Dining room, vanity room, modern tiled kitchen, pantry and maid's quarters complete the first floor.

Especially praiseworthy is the large master bedroom with bath and fireplace, in addition to two other good-sized chambers with connecting bath on the second floor. Every room has cross ventilation and ample closets.

With every modern convenience, including air-conditioned heat and insulation, this truly fascinating Colonial residence quaintly finished with hand-split shingles can still be built for \$12,500. Long-term government financing available. Built on your plot, little cash is required. Price good for limited time only, subject to imminent inflation. Telephone Murray Hill 2-2860.

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If we are to believe the statisticians and the precedent of history, this season may see the last of such buys at depressed prices. A decreasing number of vacancies and a growing shortage of homes has started the inevitable uptrend.

They show lengthy charts to prove they are right—and probably they are. For who of us can say that a march of events which has followed unvarying cycles since 1868 will suddenly take a new turn and depart from its normal course?

Certainly the reports we hear of actual sales of homes and estates in Greenwich, Connecticut—on the North Shore of Long Island—and in other fine communities everywhere verify the statistical charts and corroborate the prophets.

We keep close touch with what's happening in the better home communities throughout the country, and will be glad to put our Information Bureau at your service. Don't hesitate to call on us for help when you are "hunting a home".

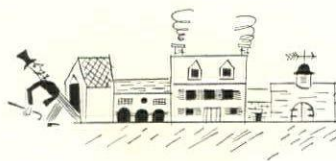
HOUSE & GARDEN

Real Estate Information

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IF THE PROPERTY you want to sell or lease,

is the kind of property that would appeal to the discriminating taste of the readers of House & Garden, then obviously the place to advertise it is in these pages, where it will meet the eyes of thousands of prospects who will appreciate its fitness. Advertising rates will be furnished you, or your agent, promptly upon application to House & Garden Real Estate Guide, 1930 Graybar Bldg., Lexington at 43rd, New York City.



If you want to sell,
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People who have the means to buy a fine home—and the inclination—read House & Garden to find out what sort of home to buy—and where. There is probably no surer way to reach the people who will be most interested in the home or property you have for sale—and no less expensive way, for that matter—than to list your house or acres on this page.

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Houses are growing younger! Had you planned to treat your house to some youthifying improvements this year? Then, of course, you'll want House & Garden's new book of suggestions for modernization . . . thirty-two pages packed full of exciting ideas sketched, and diagrammed and estimated as to cost. Whether you are planning a modest bit of plastic surgery in the way of new closets or a new porch . . . or completely revitalizing an old, old house, you will certainly want this new book of more than fifty practical plans—astonishingly inexpensive—repaying their cost many times over in added value. All for a mere ten cents.

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HOUSE & GARDEN'S SCHOOL BUREAU

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Winterset



COURTESY OF STONELEIGH-PROSPECT HILL SCHOOL

Achtung! Track! Gangway for the skiers! Just at this point the girls may not be breaking any speed records. . . but they are on their way to becoming very proficient skiers. So are hundreds of boys and girls all over the country.

Looking at the girls in the picture above, you might think that their only problem in life was to keep both skis going in the same direction. The thought of mid-year exams and the opening of a new semester—only a few weeks away—doesn't seem to bother them at all. As a matter of fact it need not. Exams are not the formal and formidable affairs they used to be . . . and the opening of the new semester is so smoothly managed that there is no break in the even routine of school life.

If you have a son or daughter who is now ready to enter school, you will be glad to know that many schools accept new students at mid-year. The very fact that the transition between semesters is so smooth makes the first days easier for the new students and for the school. House & Garden will gladly give you advice or special information on mid-year enrollment. Just write or call House & Garden's School Bureau, 1930 Graybar Bldg., 420 Lexington Ave., N. Y. City.

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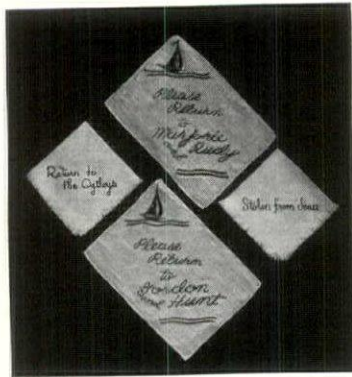
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S H O P P I N G



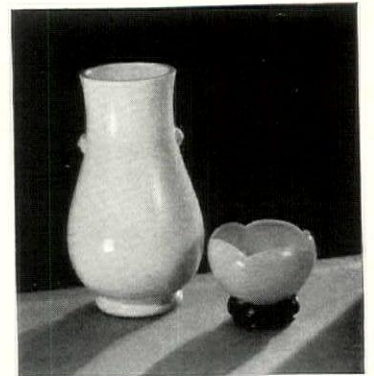
LATEST decorating note! Old brass samovar transformed into a graceful urn-shaped vase to hold your flowers or a decorative arrangement of fruit. It is 13 inches tall and costs \$25. The luscious grapes spilling out, green and deep purple, are artificial. \$1.00 a bunch. Both from Johns' Decorations, Inc., 535 Madison Ave., New York



SPECIALLY designed for absent-minded males—and ladies too—who make a habit of putting your best cocktail napkins in their pockets. White, fringed edge, with name and inscription stamped in red or blue. \$7 a dozen. The ship design is the same price and coloring. Abercrombie & Fitch, Madison Avenue & 45th Street, New York



HERE's the perfect solution for that extra table you've been needing—a practical gate-leg type in three finishes—Maple, Walnut or Mahogany, with square or round drop leaves. Open, 42 x 32 inches, closed, 13 x 32 inches. \$7.95, express collect. The Douglas Manufacturing Co., 1301 South Twelfth Street, Louisville, Ky.



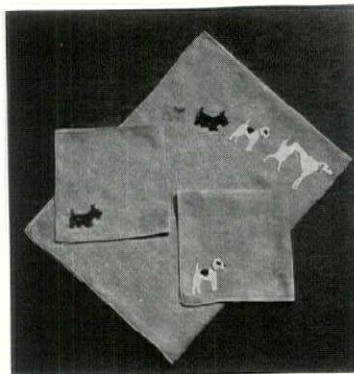
MORE exciting white things to give your living room the lift it so badly needs this time of year. The creamy white porcelain vase—excellent for flowers because of its large opening—is about 12 inches tall. \$10. Charming for small flowers is the white bowl on its teakwood stand, \$3. Both from Yamanaka, 680 Fifth Avenue, New York



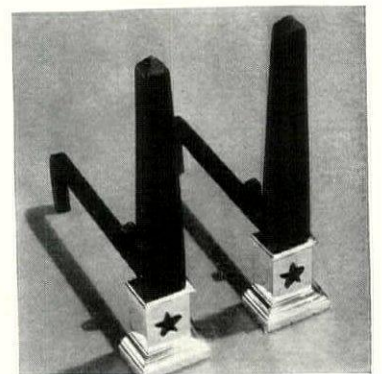
WELL-designed Sheffield plate, particularly when it is practical in addition to good-looking, is a feather in any hostess' cap. These new aids to entertaining are smartly marked with a crest design. Cigarette box, \$6. The tray, for cocktail glasses, etc., is 8 x 11 inches and costs \$13.50. Loedi-Haultain, 38 East 57th Street, New York



THE little table you've been waiting for so long—small in scale, vast in possibilities. Beautifully designed, in mahogany with a removable tray top, it stands beside your chair, sofa or chaise longue holding a lamp, smoking things or cup of tea. It is 27 inches high and costs \$27.50. From Olivette Falls, 571 Madison Avenue, New York



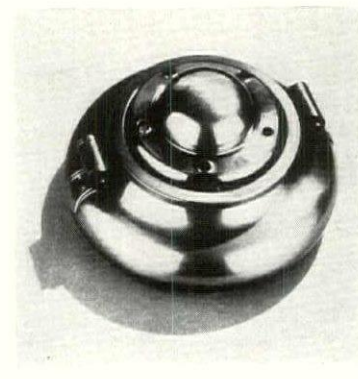
BREAKFAST in bed becomes an even greater occasion when the breakfast tray brings with it such a delightful tail-wagging delegation as this. Tray cloth and napkins are pale blue linen with appliqué design in white, black and brown. Or you may have this set in green, yellow or peach. \$6.50. Bournefield, 2 East 57th St., New York



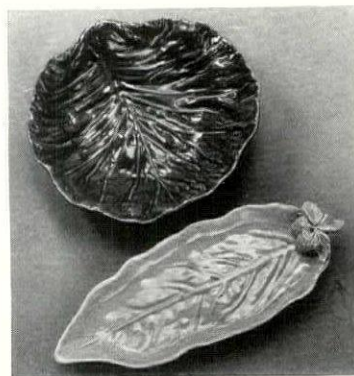
How often one sees a smartly decorated room where everything is right except the fireplace fittings. These andirons will successfully stand the test of fitness in Empire, Regency or Modern-Classic scheme. The handsome black obelisks on brass plinths with black stars are 16 inches high. \$35. Edwin Jackson, 175 East 60th St., New York



If you failed to bring back sea shells from your last Caribbean cruise, try a table decoration with these smart pottery reproductions, beige, pink-tipped. Use a large shell for flowers, the next size for candies, the little ones for ash receivers. Large shell, \$5; open shell, \$2.50; small size, \$1.50. Mayhew Shop, 603 Madison Avenue, New York



"It isn't the heat but the humidity" that makes a room really comfortable. This Walton humidifier replaces the necessary moisture, washes the air dust-free and alleviates smoke and cooking odors. One has only to connect the electric plug. Copper container, bronze finish. \$37.50. Lewis & Conger, Sixth Avenue & 45th Street, New York



Just some more leaf dishes, but so charming in shape and color that you'll give a party immediately to show them off. The large round one is emerald green pottery, \$2. The other is strawberry pink with a strawberry motif at one end, \$2. For hors d'œuvres, celery, etc. Diane Tate and Marian Hall, 801 Madison Avenue, New York



WHEN an impromptu party suddenly demands food, it's grand to have professional talent to help the amateur host. Here's the latest electric snack server, finished in chromium with wooden handles. It makes toasted treats of all kinds and has a section for waffles. \$6.95. Abercrombie & Fitch, Madison Ave. & 45th, New York

AROUND



ONE of the most effective ways of giving distinction and interest to a difficult wall space is by means of a hanging bracket holding decorative bibelots. This mahogany Chippendale bracket, fitted with a mirror back, measures 15 x 24 inches. Priced at \$12.50. You'll find it at Johns' Decorations, Inc., 535 Madison Avenue, New York



CORRECT knives for cheese addicts. Top. For Roquefort, \$1.20. Left to right: Spreader for soft cheese, \$1; individual server, \$1.25; for small portions, \$1.50; for crumple cheese, 50c; hard cheese corer, \$1; scoop for Edam, \$2.95; for large cheeses, \$5.50. Bottom. Slicer, \$1.95. Hammacher-Schlemmer, 145 East 57th, New York



THIS gay pottery hails from Norway. The tall pitcher, oyster white with green base and black handle is \$4.50. As leaning as the tower of Pisa, the jug at left, royal blue and natural clay color, keeps water cool on account of its small spout, \$4. The small pitcher is a rich copper green. \$4. Norwegian Pottery Shop, 141 E. 47th, New York



WITH needlepoint all the rage in decoration, try your hand on this festive footstool cover which comes complete with working materials: \$12.75. The stool costs \$15. Its charming flower design, in soft colors is underlaid to guide your work. The petit point motif in each case has been completed. Alice Maynard, 558 Madison Ave., New York

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The Raleigh Hotel. Across Pennsylvania Ave. from new Government Bldgs. Dining rooms air-cooled. Rooms with tub & shower. \$3-\$5. one, \$4.50-\$8. two. E.P.

FLORIDA

Bradenton

Hotel Manatee River. Fireproof. Modern. Hotel rooms and apartments. Amazingly moderate rates. Wonderful meals. Golf, fishing, etc. November 15th.

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The Princess Islena. Noted Cuisine. Best clientele. All sports. Sun decks. Concerts. Cottages. H. W. Haynes, Prop. N.Y. Office, 500-5th Ave. MEd. 3-1827.

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HOUSE and GARDEN'S TRAVELOG

A DIRECTORY OF FINE HOTELS & RESORTS

WESTWARD FLIGHT

Polo and golf are calling and the players are singing "California, here I come". At Los Angeles, the Riviera Polo Club has scheduled "twelve-goal" tournaments for January 12 to 25. Immediately following, come the Intra-Circuit Cup and "eight-goal" tournaments of the Uplifters Polo Club at Santa Barbara, January 26 to February 8.

The Los Angeles Open heads the list of golf tournaments on the Pacific coast. Held January 10, 11, and 12, with a cash prize of \$5,000, it attracts the country's leading tournament players. However, the champions will have plenty of other attractions this month. Among the major events scheduled are: the Palm Springs Tournament, January 7 and 8; the San Francisco Open, January 23 through 26; and the Catalina Open from January 28 through 31. A real golf addict could spend the entire month of January following these leading tournaments from one California city to another.

SAILING AT BERMUDA

The Royal Bermuda Club has a full program this year which will attract the interest of many an amateur sailor. Beginning in January, there will be races of the International 6 Metre class every alternate Saturday, and of the International Star class every Wednesday. The Winter Championship Series of Bermuda One-Design class will be held every Thursday. The four leading boats in this series will represent Bermuda against the Long Island Sound Inter-Club class in April. These races take place opposite the Royal Bermuda Yacht Club.

Golf and tennis also begin in January at Bermuda. The Semi-Annual Tournament for the St. George's

Trophy will be played January 9 at the St. George Golf Club, and the Spey Royal Annual Trophy, 36-hole, team championship will be played January 14 at the Belmont Manor Golf Club. The Bermuda Lawn Tennis Club will hold an invitation tournament on January 15.

HISTORIC RIDES

Sea Island, Georgia, is a grand place for horseback riding. Excellent horses are provided for the miles of bridle paths, pine-carpeted and palm-bordered, winding over the island. Frederica, the site of the town founded by Oglethorpe, Georgia's first governor and real-estate man, and the near-by ruins of Fort Frederica are favorite destinations for riders. Throughout the month of January several all-day rides, with noon-time stops for roasting steaks, have been scheduled.

The Sea Island Yacht Club opens in January for the winter season. Its program includes supper and tea dances as well as sailing and speed boat events over the inland water ways of the Georgia islands. Also planned for January are a series of interesting tournaments at the Sea Island Golf Club.

JUST TO KEEP POSTED

WINTER SPORTS: Seventh Annual Pacific Coast Intercollegiate Winter Games, Yosemite National Park, California, January 2, 3, and 4.

GOLF: Orlando Amateur Golf Championship, Orlando, Florida, January 9 to 12. Miami Biltmore Left-Handers Golf Championship, Miami, Florida, January 26 to 30.

TENNIS: Orlando Tennis Championship, Orlando, Florida, January 14 to 18. British Colonial Tennis Championship, Nassau, Bahamas, January 22 to 26.

FLORIDA

Miami Beach

The Barclay-Plaza. Conveniently located, ultra modern, agreeably different, thoughtfully planned to the discriminating. Now open—first season.

Miami Beach



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FLORIDA

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The Hotel Pancoast

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Princess Martha Hotel. In the heart of St. Petersburg. Modern, fireproof, every convenience. 250 rooms, each with bath. European plan. A. L. Manning, Mgr.

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Harder Hall. In the Scenic Highlands. No humidity. 150 Rooms with Bath. Steam Heat. Golf Course (6500 yds.) at door. Moderate Rates. Booklet.

Kenilworth Lodge. With own championship golf course, 6406 yards, at the door. Pure soft water. Steam heat, sprinkler system, elevator, etc. Booklet.

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Hotel Royal Worth. Fireproof, modern resort hotel overlooking beautiful Lake Worth. Spacious lounges, porches. Steam heat. Golf, sailfishing, etc. Dec. 15th.

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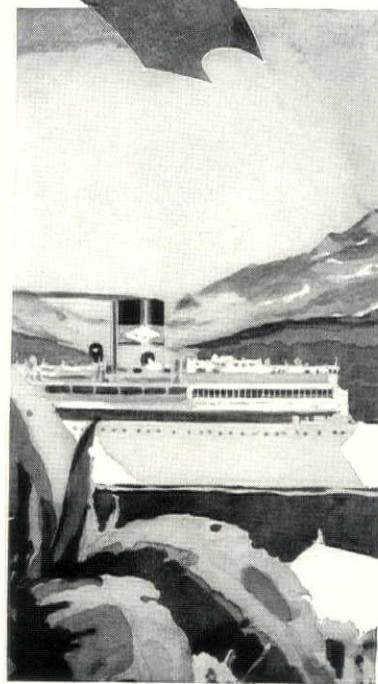
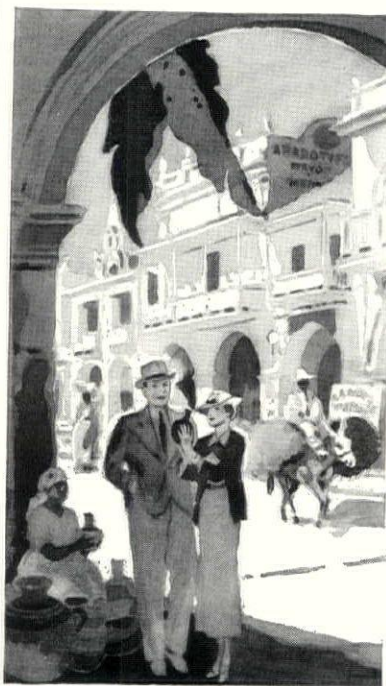
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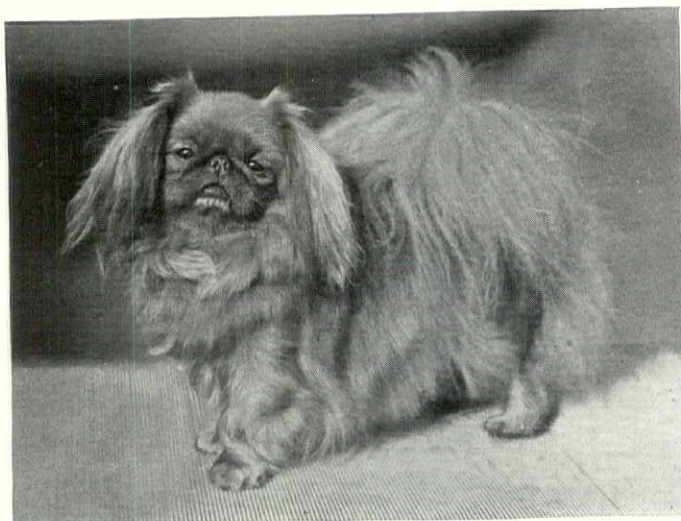
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Little Dog from China

EDITOR'S NOTE: The Kennel Departments of The Condé Nast Magazines believe that first-class dogs at prices justified by what the buyer receives and the breeder expends are the best policy. We know that right breeding and right raising cost money and that they are necessary if the purchaser is to derive maximum satisfaction from the dog he buys. We therefore believe it a duty to our readers to accept no advertising from breeders who make a practice of charging less than the \$50 which we consider to be a fair minimum price for the right sort of puppy.

I HAVE owned a great many dogs—large, small and medium-sized dogs—dogs that loved long tramps and those that were content beside a fire. But of them all, that little dog from China, the Pekingese, combines the traits of dogdom and at the same time is the most individual.

What I am going to say in the next few paragraphs, however, pertains not only to the Pekingese

but to all dogs. For all dogs are individuals with much in common, whether they be champions, toys or terriers. Early treatment and environment are great influences for better or worse but, with patience, some respond readily even later in life. Of course we cannot deny that heredity has a part in the doggy scheme, as it has in everything else. But nine times out of ten, when a dog doesn't

IMPORTED DOGS * Eight Breeds *

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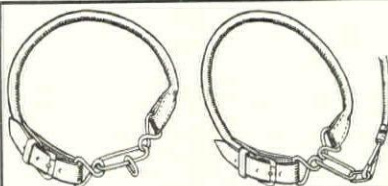
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or have your dog trained, write us.

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Ben H. Wilson, owner Rushville, Indiana



Riesenschnauzer



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Its even pressure makes it the only Humane Choke Collar manufactured. Cannot injure throat or fur. Made in two sizes of choke-links, 2 in. and 3 in. to suit the pulling power of your dog. Best quality leather—black, russet, green, red. SEND EXACT MEASUREMENT OF DOG'S NECK. Flat collar \$2.25. Round, with 2" choke \$1.75. 3" choke \$2.00. Matching leads, 75c. \$1.50 & \$1.75. No catalog.

McCarty Mfg. Co., 423 Grand Boul., Park Ridge, Ill.

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● The Wirehaired Dachshund is a gentleman, clean in his habits, loyal, and affectionate. He is patient, sensitive to rebuke, and punishment is unnecessary. A good watch dog, ready to defend the household. The desirability of the wire over the smooth lies in his even, short, thick, weather-resisting coat.

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Exceptional puppies usually available in each of the above breeds,—puppies with unsurpassed bloodlines, sired largely by outstanding A.K.C. champions.

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received Best of Breed, Westminster Kennel Club Show 1932-33-34-35
Puppies usually available
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Ch. Cooden Sheriff of Edgerstoune

Puppies of the finest quality usually available.
Dogs at Stud.
Mrs. A. S. Monroney
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Few dogs win Tri-International Championships, but that is the distinction held by Pierrot of Hartlebury. Shown here by courtesy of the Orchard Hill Kennels

Little Dog from China

turn out as it should, it is man, not dog, who is at fault.

Oftentimes, from the confines of a kennel, a puppy will be taken into a home and allowed at will to run all through the house. No one takes the time or trouble to show it about or what is expected of it, as would be done for a ser-

vant. And presumably it has been bought as a friend and companion. The new owner soon begins to wonder why he cannot house break his puppy. But how much time, or thought has he given the subject? The puppy cannot teach itself, although sometimes it learns from

(Continued on page 14)

PEKINGESE
Imperial Dog
of China

PEKINGESE are rather small-sized pet dogs of Oriental origin. They are, however, bold and courageous. Unlike many breeds, they are not addicted to senseless and indiscriminate barking, but only give tongue on the approach of a stranger. Being of royal origin, they are always bred for regality of bearing, poise and impressive appearance. All colors are allowable. Red, fawn, black, black and tan, sable, brindle, white and parti-color well defined; black masks and spectacles around the eyes, with lines to ears, are desirable. Being a toy dog, medium size preferred, provided type and points are not sacrificed; extreme limit 14 pounds.

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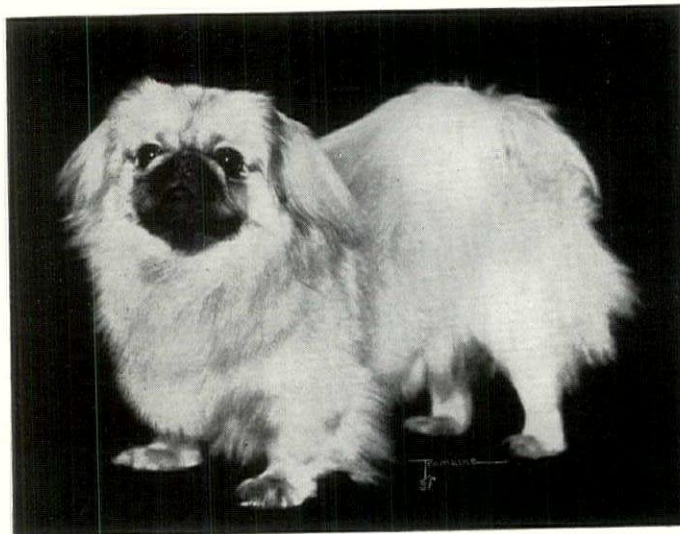
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CH. TANGA of Chinatown won Best in Show over some 350 dogs at Berkeley, Cal. in June, 1935, and again at Sacramento in October. Tonchina Kennels

Little Dog from China

(CONTINUED FROM PAGE 13)

another dog, remembers the newspapers of its infancy or will be considerate enough to choose one spot on a special rug.

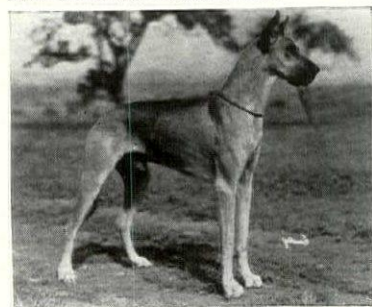
But to return to the Pekingese, the royal dog of China. For centuries, he has been the favorite at the Imperial Court, and it is probably this association that has given him his courtly bearing and impressive appearance. From China he was introduced into England, where he has gained great popularity both as a show dog and companion. But despite this the Pekingese still retains a number of characteristics in common with the Chinese. Pekingese are always friendly and cordial to strangers but grow more and more affectionate as they get to know you. I can truthfully say I have known only one otherwise, and he had not been properly brought up. They make advances slowly and, like the Chinese, show their best treasures one by one when they know you are to be trusted. Like the Chinese they are philosophical.

I have seen them at a show standing in the broiling sun with their heavy coats, waiting to be judged, looking resigned and as though there was nothing they could do about it, while dogs in nearby rings were chafing at the excessive heat.

Again, like the Chinese, they are loyal and forgiving, even if neglected and treated badly. But once they are your friends, they're yours for life. Which is something that cannot always be said of people!

Unless I leave my house pets, they never leave me. If you are ill they want to be closer than ever, as though they were afraid they were about to lose you. That large head and those eyes seem to understand your pain and need of their comfort. They much prefer man's company to their own kind. Perhaps, being pets for so long, they are not as gregarious as some other dogs. They have their own friends among their kennel mates, showing their devotion and affection in many ways.

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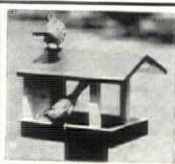
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ANOTHER phase of Pekingese expression is demon-
strated in this picture by Ch. Hei-T'sun of Caver-
sham Clamarlow. Owned by the Clamarlow Kennels

Little Dog from China

They are good watch dogs,
sleeping lightly, very alert, and
when they bark at night there is
usually something to bark at.
When treated properly a Pekin-
ese loves to play, even up to a
late age. I have one thirteen years
old who likes his play, although
his frolicking days are over. One
starts and the whole kennel is
frolicking madly. I have one who
climbs up a ladder, sits on a rung
as though it were a gallery seat,
watching the play going on below.
Another is an acrobat; he can
take the kennel at a standing jump
and walks along the top of the
fence like a trapeze performer.
One would think he had been
taught these feats, but he is just
passing a few idle hours away.

Pekes are most observing and
do not easily forget, even to no-
ticing a change in the placing of
furniture in a room, sniffing
around the change and if it is
a new addition, thoroughly trying
it out to their own satisfaction.
As a rule, they adapt themselves
quickly to new surroundings. They
are mimics and very quick to
form habits and with your help
easy to train. They like their own
way and unless kind firmness is

used, usually get it. Some are very
sensitive, others phlegmatic and
temperamental.

In conclusion a Pekingese is
easy to make or break. They have
marked intelligence but it is great-
ly enhanced by the intelligent
treatment of its owner or whoever
is looking after them.

MRS. LORING WASHBURN



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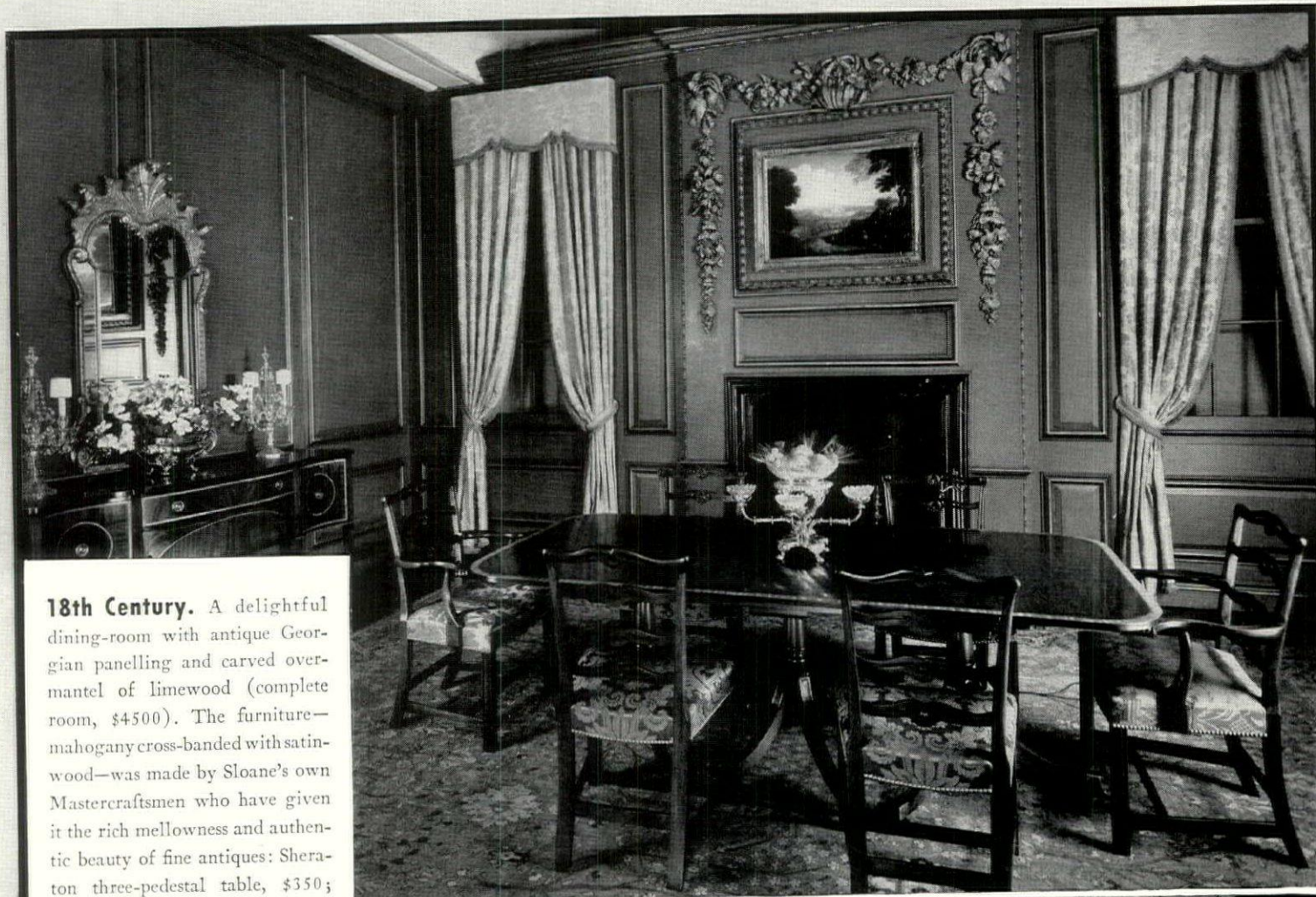
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THE BULLETIN BOARD



PROBLEM OF TASTE. Since suitability of design to purpose is one of the underlying tenets of good taste, we wonder why there are so many hideous radio cabinets on the market—Gothic cabinets, Louis XV cabinets, Whosis cabinets. After all, the radio is a modern instrument; why should it be made to resemble a 14th Century chalice cupboard? Why deck it out with Gothic arches and Saracen scrolls? Because of these hideous cases, many people of taste discard the cabinet and conceal the mechanism somewhere else. The mechanism itself can be interesting, consequently a few bold fellows put it in a glass case, as you see on page 30.



LAVIAL DEBATE. Were the world not too much with us, early and late—early when we bathe and late when we're too tired to bathe—we would like to take up cudgels on the highly controversial subject—the bathtub versus the shower bath. While one can and does sing in both, it is doubtful if the choral effects are as successful in a shower as in a tub. Certainly the tub is more conducive to meditation and other solemn thoughts. The shower is a symbol of the rushing American life; the tub belongs to those who prefer the slower pleasure of lying in still waters.

PATHOLOGICAL NOTE. Signs are multiplying that the flower-arranging fever has passed its crisis and is gradually subsiding toward normality. It will not—and should not—vanish wholly from the garden clubs' veins, but one cannot fail to note with satisfaction its increasing replacement by the horticultural virus. After all, the really lasting appeal of gardening lies in the actual growing of flowers, not in the artificial disposition of the blooms that result from such efforts. The one is a matter of fundamental satisfactions; the other, a comparatively superficial side issue.

ALL-ROUND REALTOR. The Readers' Service, having satisfactorily suggested a school for a subscriber's daughter, received a letter of thanks that contained a new notion. It spoke of an elder daughter who had taken courses in landscape design and interior decoration as preparation for going into real estate. She continued: "To sell real estate nowadays one must have not only a smattering of interior decoration but must also know how to cope with clients who wistfully consider our cornfields and assume that almost overnight they can be made to resemble pages of House & Garden."

GHOSTS

Dark windows in the falling of the night,
Dark windows and deep silence at the door.

Ever so, evermore,
Beneath the cold stars, quivering and white.

The locks will know no master but the breeze,
The steps will crumble softly in the dawn;

On the paths, on the lawn,
None move but the slow shadows of the trees.

Now in the night the silent moonbeams creep
Across the darkness, through the dreaming halls.

Up the stairs, up the walls,
And linger whitely in the world asleep.

—FRANCES FRIESEKE.

PROMOTION NOTE. The news from Washington that Ira N. Gabrielson becomes Chief of the Biological Survey upon the resignation of Jay N. Darling will be of particular interest to those who read Dr. Gabrielson's articles on Western plant hunting in House & Garden two years ago. For many years Dr. Gabrielson was in charge of the predatory animal control work of the Survey on the Pacific Coast, and spent many months in the field. He thus became a noted authority on many phases of Nature, including the alpine flora of the region about which he has written extensively and with great charm. The Survey is fortunate in having as its new Chief a man of such engaging personality, ability and sound practical experience.



NIPPONESE LANDSCAPES AND OTHERS. One of the results of the descent of the Garden Club of America on Japan last year was the splendid volume, *Art of the Landscape Garden in Japan* by Tsuyoshi Tamura, a charming and instructive presentation of the why and how of Japanese gardens. It is richly illustrated. So great is the interest in this subject and so well is it presented here that no garden library can afford to be without this book. We recommend it with many *Banzais*.

Also do we cast laurels toward *Rock Garden Plants* by Clarence Elliott. The author is a well-known English nurseryman and explorer who specializes on alpine plants. His text is arranged alphabetically. It is based on his own experience in growing and collecting alpine plants. Like all the rest of the English gardening books that have been written for that climate, however, it must be taken by Americans with the required pinch of horticultural salt.

ALIMENTARY ADDENDA. Those who know say that mint sauce should be made with lemon juice instead of vinegar, and that it should be put on the ice and served cold with hot roast lamb. . . . Among the minor but memorable items in a youth not given to too exalted gastronomic flights were cinnamon toothpicks. What has become of them? Where can one get them? Some day we'll give a solemn dinner party and wind up with flavored toothpicks—mint, cinnamon, anise—just to see how our local gourmets take to them. . . . The late R. A. Scott Macfie, who excelled equally as a Gypsy scholar and cook, was responsible for the glittering bit of wisdom: "The proper study of mankind is meals. . . ." The mention of fine meals reminds us that this Spring will appear "June Platt's Cook Book," composed of all those grand recipes she has contributed to House & Garden over the past few years, with a lot more added.



HORTICULTURAL MALARIA. Generally speaking, we have profound respect for the medical profession—as long as it sticks to medical matters. But when one of its members launches into horticulture we raise a skeptical eyebrow, to put it mildly. Thus, when an eminent M. D. coldly decrees, as one did recently, that rock gardens induce malaria, our retort is, "Oh, yeah?" In our crude layman way we had thought that one catches malaria by hanging around damp, miasmatic and generally unhealthy places. If anybody believes that a rock garden is that kind of a spot he merely discloses an abysmal ignorance of what he's talking about. And that goes, as the man in the street would say, for eminent M. D.'s, too.

BULBOUS FIGURES. In the splendid extravagance of our youth, we Americans like to think we lead the world in about everything worth doing. This unconvincing optimism gets an awful jolt when we look into the matter of flower bulbs. The United States imported 4403 tons in 1934, Great Britain 21,732, France 2108, Canada 1159, Germany 7163, Denmark 1156—in fact the Scandinavian countries imported 400 more tons than the United States. Wake up, Big Boy!

INCLUDING VENTILATION. The great Cardinal Newman once wrote this sentence—and as publishers of periodical literature we now tender him our belated thanks—"Education, periodical literature, railroad traveling, ventilation and the art of life, when fully carried out, serve to make a population moral and happy."

TEXT FOR KNITTERS. Parsons who have run out of ideas for sermons might gather together all the knitting women in the town (that would make a sizeable congregation) and preach from Exodus 35, 25: "All the women that were wise hearted did spin with their hands."



ORIGINAL HOODED ENTRANCE WITH BENCHES

TEBBS

In these Bucks County farmhouses is found a great variety of unusual masonry, entrances, windows, dormers and roof lines

BUCKS COUNTY COLONIAL

INTEREST in the domestic architecture of the American Colonies has been so great that almost all the best examples have been photographed, measured and published. The types characteristic of the seaboard from Maine to Georgia can be identified without hesitation by most well-informed persons. But for some inexplicable reason the beautiful, old stone houses of Bucks County, Pennsylvania, have received relatively little consideration. This fact becomes even more difficult to explain when it is realized that these houses abound, that they have a native quality which sets them apart from the contemporary work of other localities, and that they present many problems to the architectural historian which do not yet appear to have been satisfactorily solved.

Bucks County lies along the Delaware River in the southeastern corner of the state of Pennsylvania. Its settlement was begun early in the 17th Century by small groups of English, Dutch and Swedes. With the granting of letters patent to William Penn in 1681, the rate of colonization greatly increased, and its character was definitely established by the influx of large groups of English Quakers. They first took up the lands along the banks of the tributaries north of the Delaware, and then spread out to settle the rich back country. The character of this colonization contributes perhaps the most important key to an understanding of the domestic architecture of the county. It was built by the sons and grandsons of English Quakers. Its roots were in England.

During this period of settlement, two other facts of architectural bearing emerged. The soil of the country proved to be extraordinarily rich, and under part of it was found a generous bed of limestone. Other good building stones also were found in abundance. Here was provided a sound economic basis for a rich, stable, agricultural society, and here, ready to the hand of the builder, was plenty of stone and good lime for mortar.

In the succeeding period, from about 1735 to 1760, often called the Golden Age of the county, these elements combined to produce the domestic architecture characteristic of the country side today. Houses are set among trees, well back from public roads, surrounded by large groups

of farm buildings, also of stone. During the following century and a half, they were added to and altered, but the character imparted to them by the builders of the Golden Age remains essentially unchanged. Many houses are still occupied by the descendants of the original colonists.

The general use of stone for the exterior walls is, of course, the most obvious characteristic, which differentiates this architecture from similar work of the period in New England, to the north, or Virginia and the Carolinas, to the south.

The abundance of good building stone in the county is accepted by many students as sufficient reason for its general use. This point of view would appear to be borne out to some extent by the early records which explain that "the building of the new stone meeting house in Buckingham about 1731 stimulated the erection of a better class of dwelling houses in that section of the county, and several of the old log houses gave way to stone." Architectural history, however, records so many instances where a good local building material has been ignored in favor of some imported mode of building, that some students refuse to ac-

Pennsylvania offers her
most distinctive style of
residential architecture

By James Kellum Smith



THE PLASTERED STONE TYPE



THREE-LEVEL ROOMS

cept the abundance of local stone as sufficient explanation in itself and prefer to follow the lines of tradition back to England to discover the roots of Bucks County Colonial in the stone architecture of the Catswood Hills.

The stone-work itself is handled very simply. Only upon the quoins and occasionally upon the lintels is the stone cut, the body of the wall usually being laid up

with the rough stones as they are picked from the field or dug from the ledges. Colors range from a deep reddish brown, through a wide variety of grays, to a beautiful golden yellow. Often the stone-work is coated with exterior stucco, and sometimes the east ends are sheathed in wood. The reason for the additional protection of the exterior wall probably lies in the custom of plastering directly upon the inside of the stone without providing for an air space, a system of construction which inevitably invited trouble from leakage and condensation.

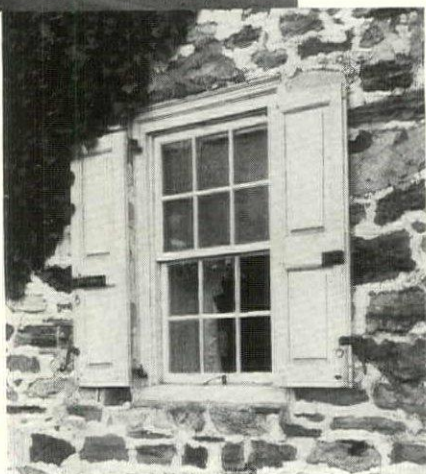
Less easily explained, but perhaps even more important than the use of the building stone in establishing the peculiar character of these houses, is their extraordinary arrangement in plan. They usually extend from east to west as a series of units, one room deep. The resulting plan affords double exposures, north and south, for all

rooms in the house, while reducing to a minimum opportunities for east and west exposures. In the relation of exterior wall to enclosed space it is not an economical plan, but to its development Bucks County architecture owes much of its individuality in form and mass. The nucleus of the plan was the kitchen. Designed for open-hearth cooking, the greater part of the end wall would be given over to the great fireplace with its bake-ovens, etc. This was generally located convenient to the well or spring. Once this position was established, the size of the original house was determined by the number of rooms, in addition to the kitchen, required by the family. Stairways were very steep, with single or double winders concealed between walls.

As the demands of the family increased, the house would be enlarged by the addition of similar units either to east or west. Each unit, separated by stone walls from the original, would have its own system of entrance doors, fireplaces, interior stairs, etc., and connect through to the original house often only upon the ground floor. Successive additions were made in the same manner, so that many houses contain a series of three or four separate self-contained units, capable of accommodating with some degree of privacy several generations of a family. Although numerous variations from this plan are to be found, the fundamental arrangement runs through the whole architecture of the county with almost uniform persistency. (Continued on page 74)



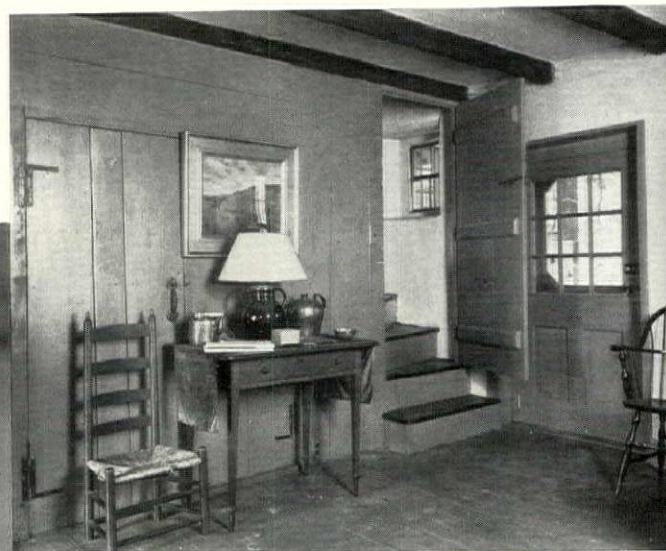
KNITTING DRAWERS



TYPICAL WINDOW



ORIGINAL FIREPLACE



NATIVE PANELING



TERBS

DEEPLY REVEALED ENTRANCE



FARMHOUSE KITCHEN

WHILE these Bucks County stone farmhouses run to certain general types, their details offer a great variety of suggestions available to those proposing to build stone Colonial houses today.

The frontispiece on page 20, shows typical stonework, rich in color variation, and a hooded front door entrance with its flanking benches. It is at the Nichols residence. Opposite it is the Lang home, of which the walls are smooth plastered over rough stone. On these two pages there are further details. Beginning at the top opposite—a glimpse of the C. Lang house showing rooms on three levels, then original knitting drawers in the Norman Gutman house, then a typical window with its shutters. The stone fireplace, from the Gutman house, still has the original pointing. Then two views in the old kitchen of the James Kellum Smith house. Directly above is the front door of the Lang house. The depth of the stone wall allows the door to be definitely recessed



PLANTS

that are new and worthy of our gardens

PROGRESS, you may have noticed, is a peculiar animal. It feeds and grows on a sort of trial and error diet, a startlingly fallible menu which, in its component parts, is strangely seasoned and often indigestible but whose long-range effect is unquestionably beneficial. Only through a constant succession of stops and starts, of defeats and victories, of disappointments and fresh hopes, is a well defined goal finally attained and progress, one of the world's great mainsprings, achieved.

IN NO realm is the halting character of this advance better illustrated than in that of horticulture. The plants which furnish our modern gardens are of infinitely wider variety and often of markedly greater beauty than were those of a generation or two ago. Each year sees numerous additions to their ranks—species newly introduced from far or neglected corners of the world, new varieties created by hybridizers in their never-ending task of serving the human demand for novelty. Many of them are good and take their rightful places in horticulture's forward march. Some, regrettably, fail to live up to their early promise and are never heard of more. We can hail the Regal Lilies and Kolkwitzias and Hemerocallis hybrids of recent years as evidences of genuine horticultural progress. But it is perhaps as well that we forget those other "novelties" which rush above the horizon from time to time with a great blaze of publicity, only to fade away within the year through their own demerits, sad testimony to the fact that every advance must have its moments of retreat.

WHAT, after all, is a true plant novelty? Obviously, a sort not hitherto widely known—perhaps some species but recently discovered, possibly a new variety clearly resultant from the breeder's efforts to improve color or form or fragrance. But to our mind, looking at the whole matter from the standpoint of practical merit, mere newness is not enough—not nearly enough. Of what earthly good in a garden is a "novelty" which, no matter how outstanding at first glance, proceeds to die or retrogress or do any of the other disappointing things which unproved plants have a way of doing? Even the best of gardening is too fraught with failures to warrant increasing their percentage wilfully.

So it follows that, in the deeper sense of contributing to progress in garden satisfaction and loveliness, the true plant novelty must have passed the stiffest of tests

over a sufficiently long period to prove its value under actual garden conditions. That much the consumer has a right to expect; that much the producer would be rather silly to overlook. There is but one exception we would make to this principle—novelties for the out-and-out garden experimenter. If you are of that elite company who find keen pleasure in trying the untried, then let the de'il fly away with the proven plant and may good luck attend you!

For many years House & Garden has championed the cause of the genuine plant novelty as defined in this broader, sounder sense. We have lived to see plants, unknown in the American horticultural trade when we introduced them to our readers, propagated and sold by the hundreds of thousands. A dozen years ago the late "Chinese" Wilson, one of the keenest judges of plant quality the world has known, wrote of many of them in these pages; Dr. A. B. Stout, Louise Beebe Wilder, Henry Teuscher and many others carry on that worthy pioneering for us today. American gardens are immeasurably richer by the labors of these leaders in true horticultural advancement.

A GREAT Dahlia originator once said, as he looked upon a superb new variety of his own breeding which, after exhaustive tests, had been put into commerce and was taking the world by storm, "Perhaps that flower will serve as my ticket of admission into Heaven."

An odd remark? Perhaps, at first glance. But look a little deeper, and you will see that there spoke one who knew the true significance of plant progress. For it is of the essence of flowers to give pleasure, and if one can increase that pleasure by giving to the world a new bulb or shrub or tree of greater lasting loveliness than its predecessors, then to that one may well come a heartier handshake at the Gates.

TODAY we stand on the threshold of a new year. The clouds which for long have darkened the world are lifting; the wind has shifted slowly to a more favorable quarter. As the sun breaks through our spirits rise and we look forward with renewed zest and fresh anticipation to those reanimated pleasures which ever follow a storm.

As with life, so with gardening. The world moves forward, even the world of flowers. Fine old standbys remain, a sturdy company tested by time, enhanced by long association. Hold fast to them, for theirs is a quality that is always welcome, always strong in its inherent merit. But along with them let there be also the new—the worthy new—for in them lies the certainty of fresh beauties, of those greater satisfactions which make the garden a place of never-ending interest.

—ROBERT S. LEMMON

INTIMATE little balconies, exquisitely wrought ironwork, jalousied windows that bring close the spirit of the France of earlier days—such are the architectural features that aid materially in giving to New Orleans its Old World character. Façades like that opposite seem scarcely to belong in an American city

THE charming rooms illustrated, in the Long Island home of Mr. & Mrs. F. Trubee Davison, are full of fresh decorating ideas. Right and opposite are views of the dining room where the background is a decorative combination of paneling and wall paper. Three walls are hung in old Chinese paper in celadon green and whites—effective contrast to the plain carpet and hangings; the fireplace wall is paneled in stripped pine. Curtains are oyster white silk serge; carpet, taupe color. Taylor & Low, decorators

A mirrored wall panel held by bands of wood simulating ivory is used with striking effect as a background for the glass fireplace in the living room. Note how the reflection of the opposite wall gives a sense of added depth and spaciousness. The brown note in the chintz blends happily with the pinkish beige of the walls and the beige hand-woven silk mesh curtains hung from glass poles. On either side of the mantel hang lighted shadow pictures of jungle life painted in browns on clear glass

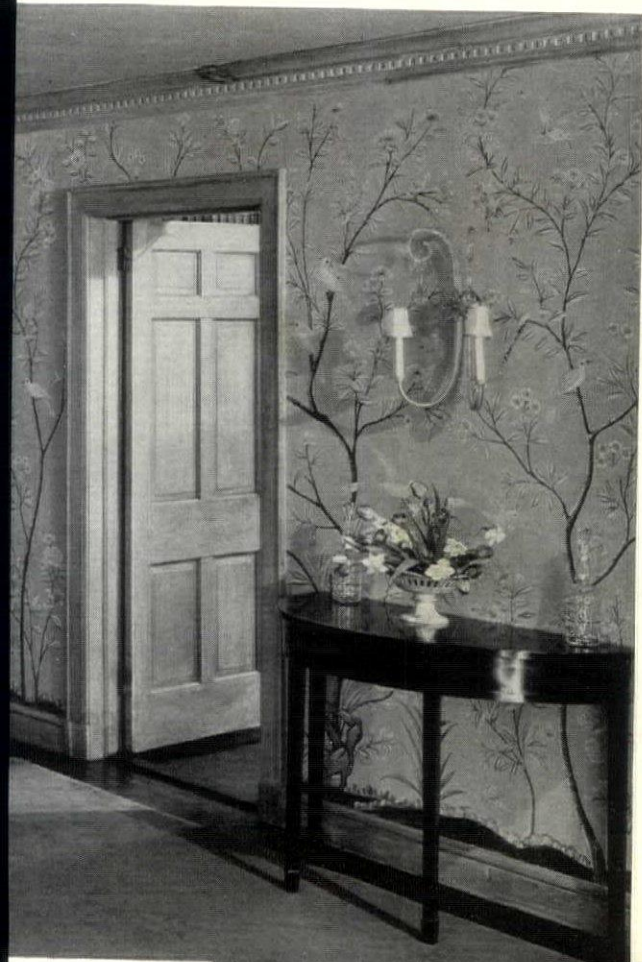
Pearly pink walls and beige carpet admirably set off the fine Colonial furniture in Mrs. Davison's bedroom. Curtains are of blue and white striped taffeta lined with crinoline, and the blue note is repeated in the blue ribbon and pink rose design of the chintz used for bed draperies and to cover the sofa, and in a pastel over-mantel of delphiniums



STRIPPED PINE PANELS ONE END OF DINING ROOM

GLASS MANTEL AND MIRRORED CHIMNEY BREAST IN LIVING ROOM





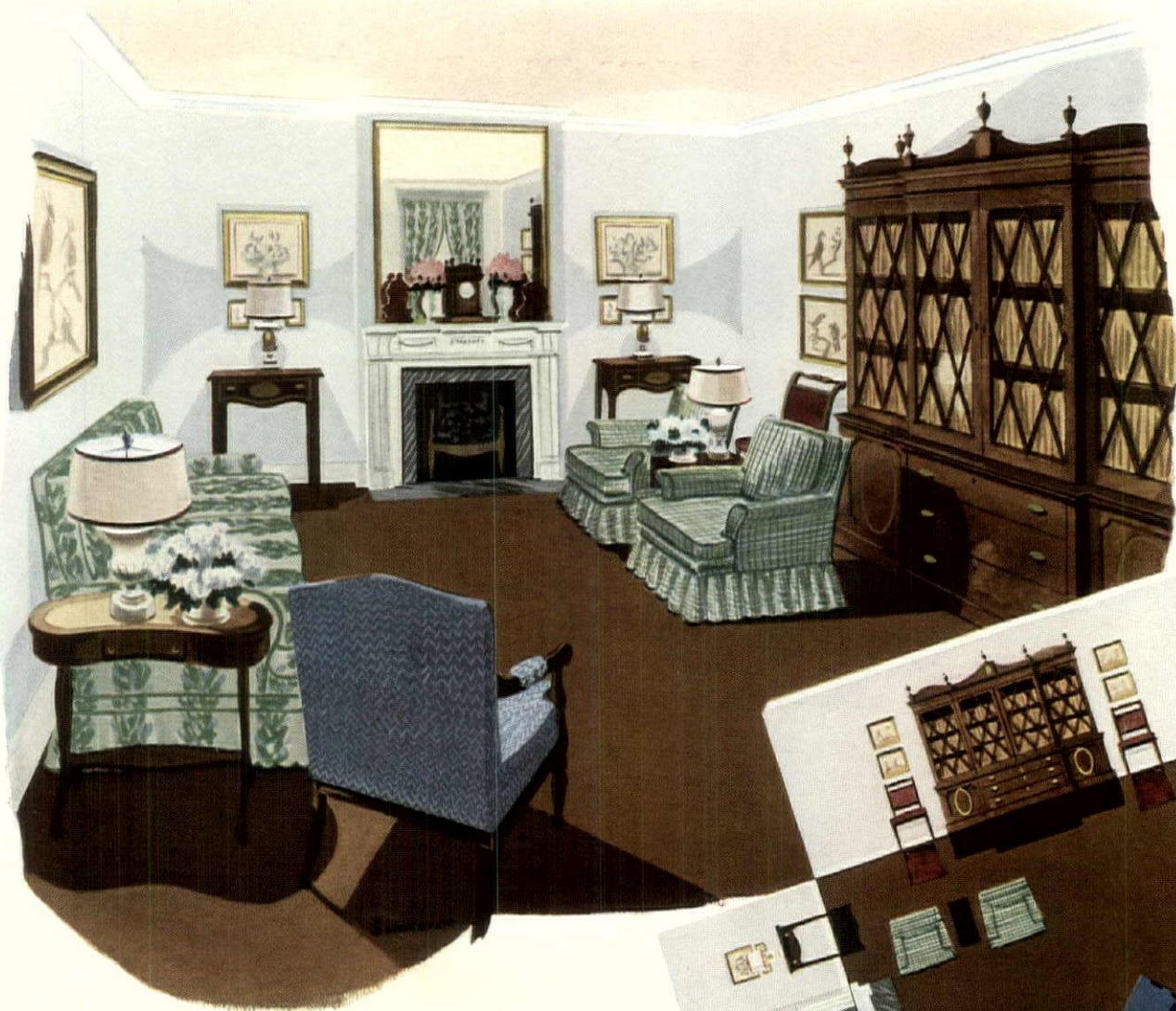
COLONIAL BEDROOM IN PEARLY PINK AND BLUES



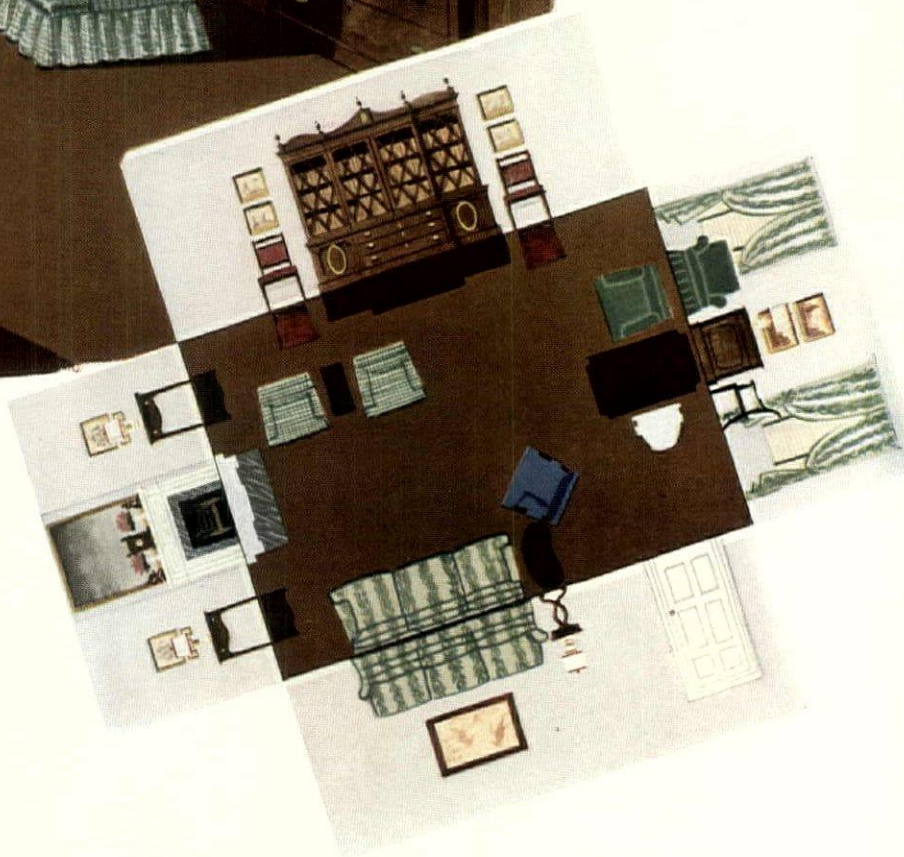
GREEN AND OYSTER WHITES PREDOMINATE IN DINING ROOM

NYHOLM

The Oyster Bay home of Mr. & Mrs. F. Trubee Davison

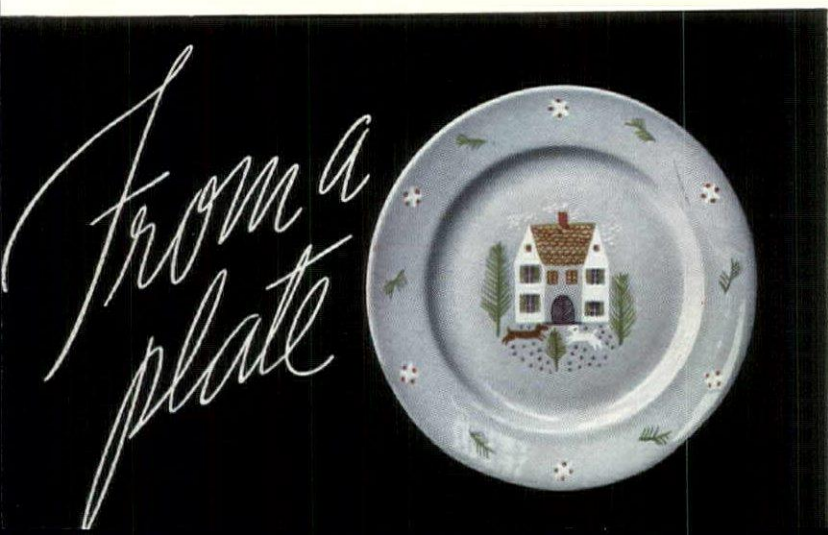


IN THIS country house living room from a plate are fourteen important color points: (1) Walls: pale gray-blue of the plate. (2) Ceiling and woodwork: grayish white of the house. (3) Carpet: brown of animal. (4) Curtains: chintz, green and white fringe. (5) Venetian blinds: gray-white, dark blue tapes. (6) Sofa: chintz pattern, welted dark green. (7) Pair overstuffed blue and gray and green checked chairs, fringed in white. (8) One over-stuffed green chintz chair. (9) One dark blue chair, the blue of the door. (10) One white leather desk chair. (11) Furniture: Sheraton brown mahogany, tables, desk, block-front bookcase. (12) One pair of side chairs, seats maroon antique satin color of chimney. (13) Lamps and shades: white. (14) Books, prints: mellow tones, sharp accents



RECENTLY House & Garden asked several thousands of its readers on what phase of decoration they most wanted help. The majority named color schemes and information on how to select and group colors. So here we have two rooms with color schemes chosen from a plate and a flower print, both compositions of well-ordered color. From these we took the recipes for measuring the quantities of color.

Measure your color quantities as you do the recipes, bright seasoning in small quantities, the larger areas in more neutral colors. Always figure wood tones and furniture color values in your color scheme. Remember that color schemes lie all about you—in chintzes, wall papers, colored sketches of gowns and flower arrangements, tulip beds, needlepoint, et cetera.



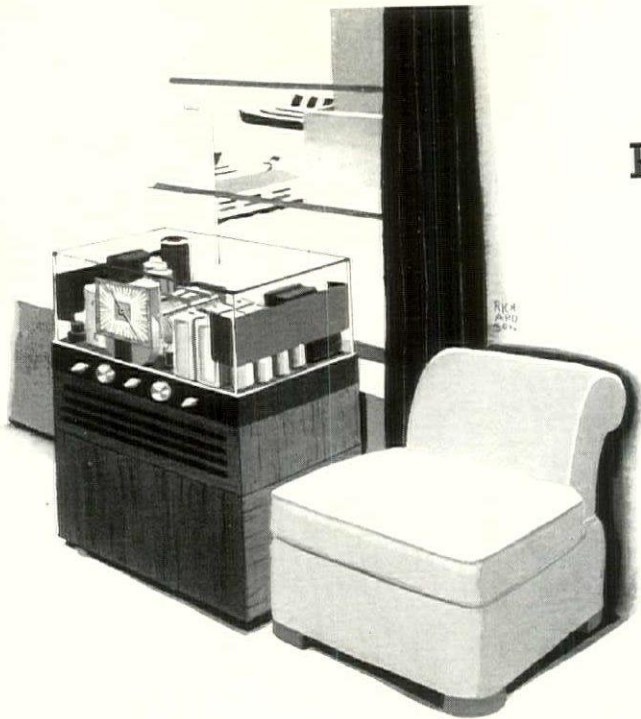
and a
print



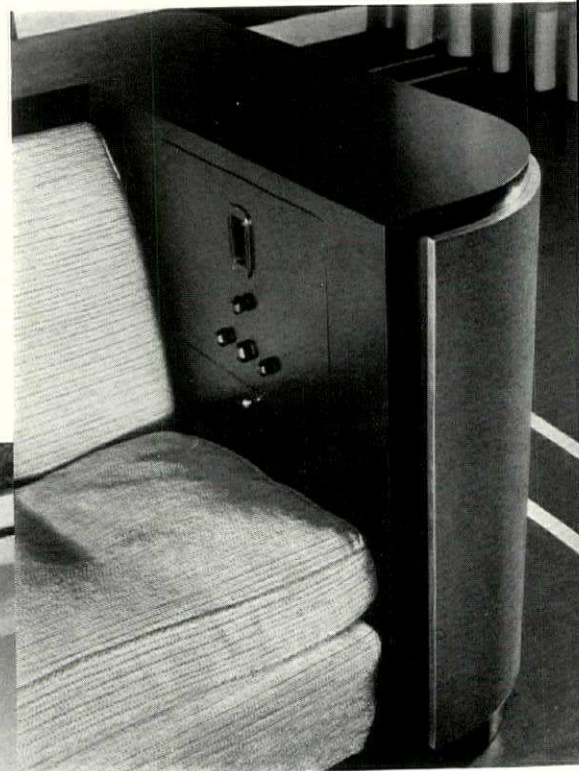
A MODERN living room from a flower print contains: (1) Walls: blue green of leaf. (2) Woodwork: darker green half of same leaf. (3) Ceiling: pale yellow of buds. (4) Carpet: dark green of woodwork. (5) Mantel: yellow-gray marble. (6) Gunmetal mirror. (7) Venetian blinds: brown of the column, dark green tapes. (8) Curtains: the gray of the petals and green transparent wool, bound dark green. (9) Circular sectional sofa, gray and brown plaid. (10) Overstuffed chairs: blue and green wool mixture. (11) Furniture: dark brown modern, chromium handles. Leather side chairs, the yellow of the fruit. (12) Pair san de bouef—tint of flower center—pottery lamps, gray shades



PUTTING THE RADIO



NYHOLM-PHILLIPS



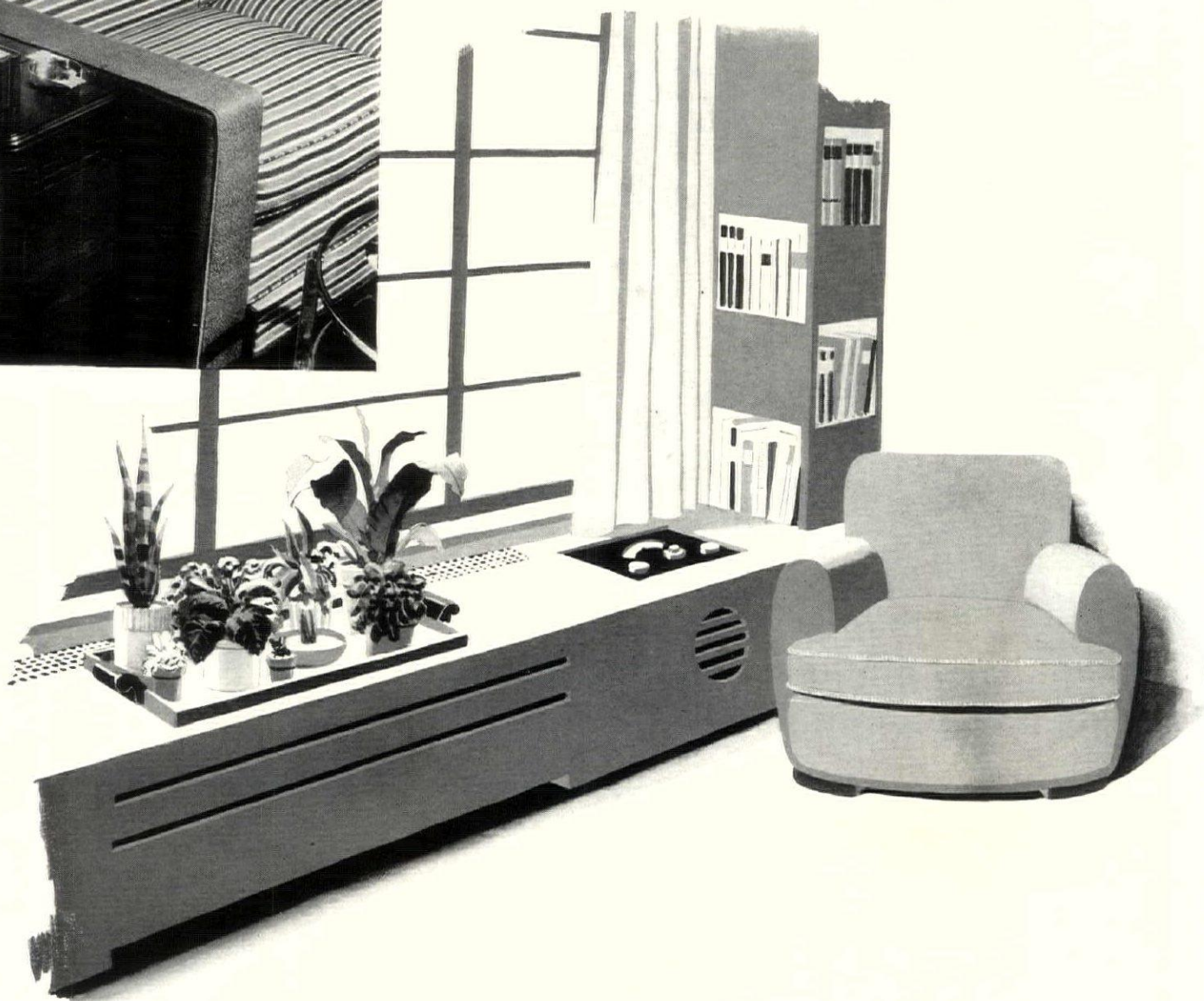
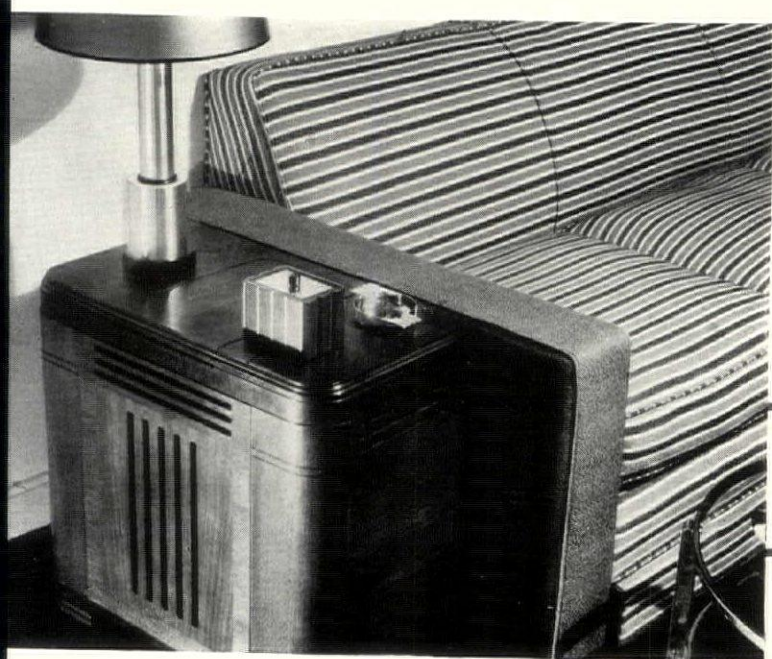
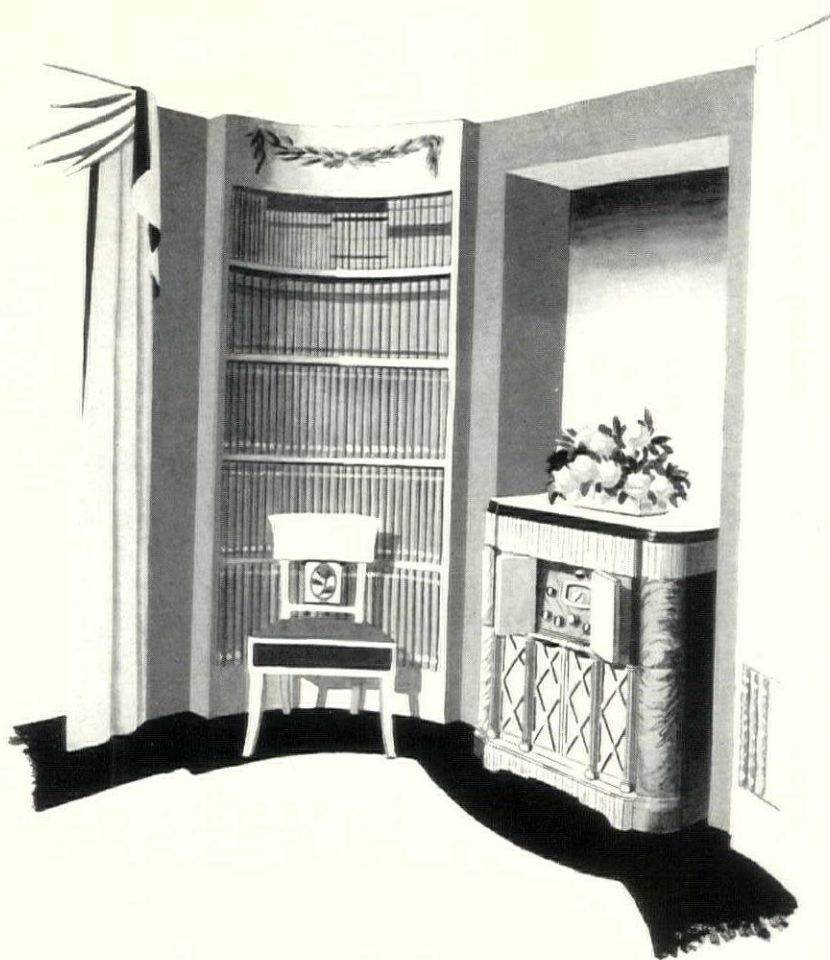
NYHOLM



AS MOST radios are in a room, not of it, we are suggesting six ways of placing this indispensable instrument so that it becomes a definite part of your decorative scheme. Upper left, Fascinated by the "works" of the radio, George Sakier designed this case for the chassis of a Stromberg-Carlson. Top and sides are glass-enclosed. The dial is gold leaf lines backed by black enamel executed inside the glass, with etched numerals. Knobs are red plastic. The loud-speaker is inverted under the chassis, the sound emerging through louvers in the zebra wood stand. Above, Donald Deskey places a radio in the arm of a big modern sofa and arranges the dial so that you can turn on your favorite hour by merely lifting a finger. Left, In the Richard H. Mandel house, Mt. Kisco, N. Y., the radio is built into the fireplace wall, reached by a sliding panel. Dial is above sofa arm and the sound comes through grille in ceiling

RIGHT IN ITS PLACE

UNIFORMLY bound volumes of phonograph records require a handsome setting. Harry Richardson designed this grouping for the Victor Library of Recorded Music—461 records—shown here with the new RCA Victor automatic radio-phonograph. The satinwood and walnut cabinet was designed by John Vassos. Below: Smartly designed in beautifully grained walnut, this Philco radio becomes an attractive end table in a modern room. Furniture from Sloane's. Bottom of page: Excellent use is made of space under a long window. A radio occupies one end; in the center is a radiator and at the other end, cupboard space for logs. Cummings and Engbert, designers



I'm a Plain Boiler...

On our last visit in England, while we were enjoying a delicious lunch in the sweetest of cottages, looking over the most ideal of English landscapes, our host related most amusingly his first encounter with his cook, some ten years before. When she came to be interviewed about the position, she opened the discussion by saying—"You know, sir, I'm just a good plain boiler." Startling as this might seem as a recommendation, it has much to be said for it.

Don't you often crave just plain boiled dishes? There is something piquantly refreshing about the occasional contrast of boiled food. There are many delectable boiled dishes, but here are my favorites. As almost all of them should be accompanied by plain boiled potatoes, I will first tell how these should be cooked.

BOILED POTATOES. Peel old potatoes, removing all eyes; wash well, soak a little in cold water, put into boiling water containing a little salt and cover. Cook gently until they may be easily pierced with a fork (about thirty minutes). Drain in colander, shake over the fire a minute. Sprinkle with salt and cover with a cloth. Keep on back of stove for a minute or two, sprinkle very lightly with very finely chopped parsley and serve on a folded napkin.

Another way of serving boiled new potatoes: Cook them with their skins on, as above, but first scrub well with a stiff brush so they are perfectly clean. When cooked, drain well and place them in a gay napkin.

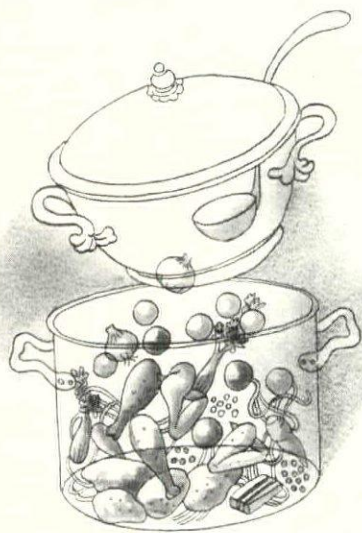
Tie the opposite corners together, making two knots, and send to the table just like that—of course not at a formal party.

CORNEB BEEF AND CABBAGE. Buy a choice brisket of corneb beef weighing about six pounds. Peel 6 little white turnips, 6 carrots and 6 parsnips and leave them whole. Also, cut a fine white cabbage in quarters and remove the core. Also, peel 6 or 8 potatoes. Soak the corneb beef in cold water for an hour. Drain and cover again with cold water. Put on fire and bring briskly to the boiling point, but skim carefully just before it boils. Reduce the heat and simmer gently for three or four hours. Add more boiling water if necessary, to keep the meat covered. An hour before the meat is cooked, pour off enough water from the beef to cover the carrots, parsnips and turnips, and cook them until tender. In a separate pan, boil the potatoes in plain water, and in still another pan, the cabbage, which will only take fifteen to eighteen minutes. It should be put into boiling water with a tiny pinch of soda and some salt, and cooked until just tender through.

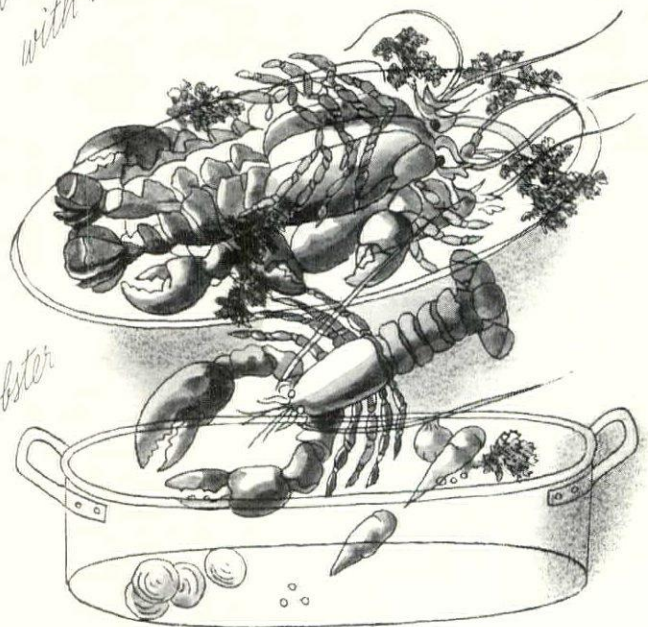
Fifteen minutes before serving, add a teaspoon of sugar to the corneb beef. When ready to serve, place the meat on a large hot platter and rub it over with a little butter. Slice thin and garnish the platter with the cabbage, potatoes, parsnips, carrots and turnips.

With this dish, serve the following hot horseradish bread sauce:

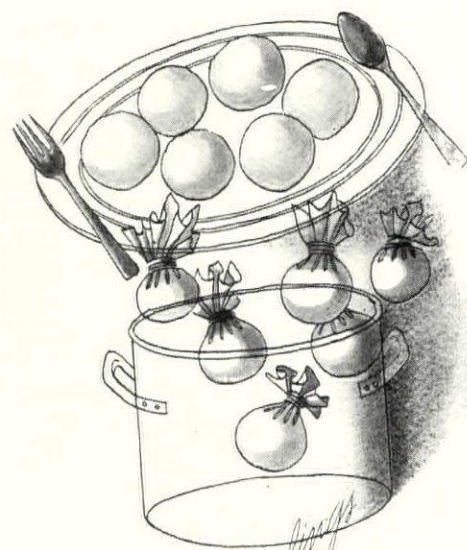
Remove crusts from 6 slices of white



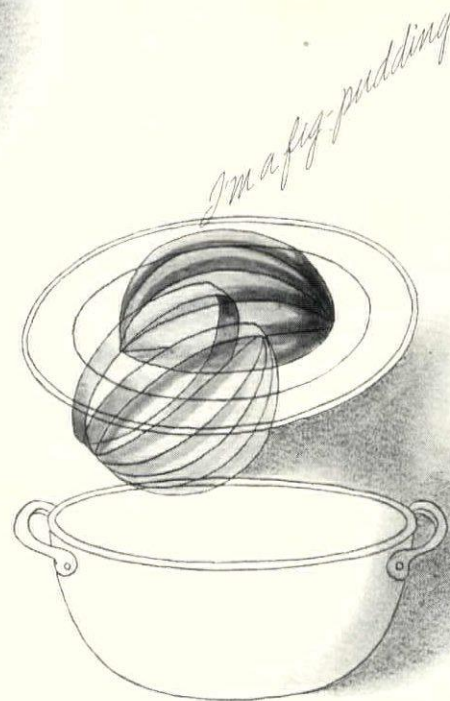
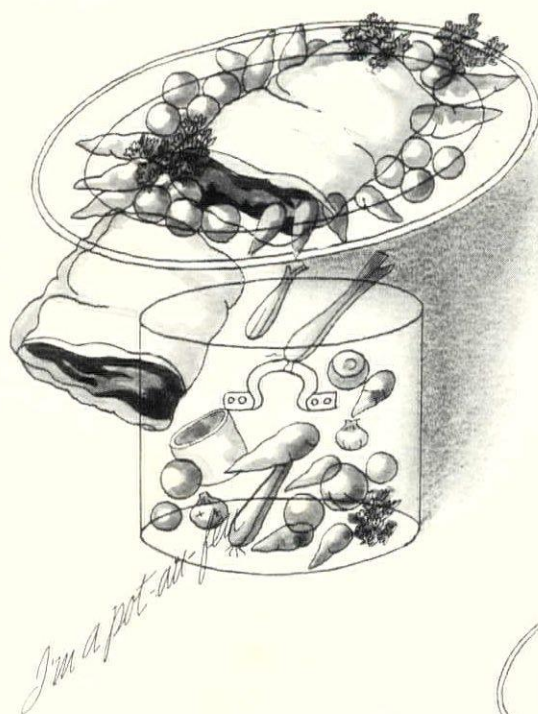
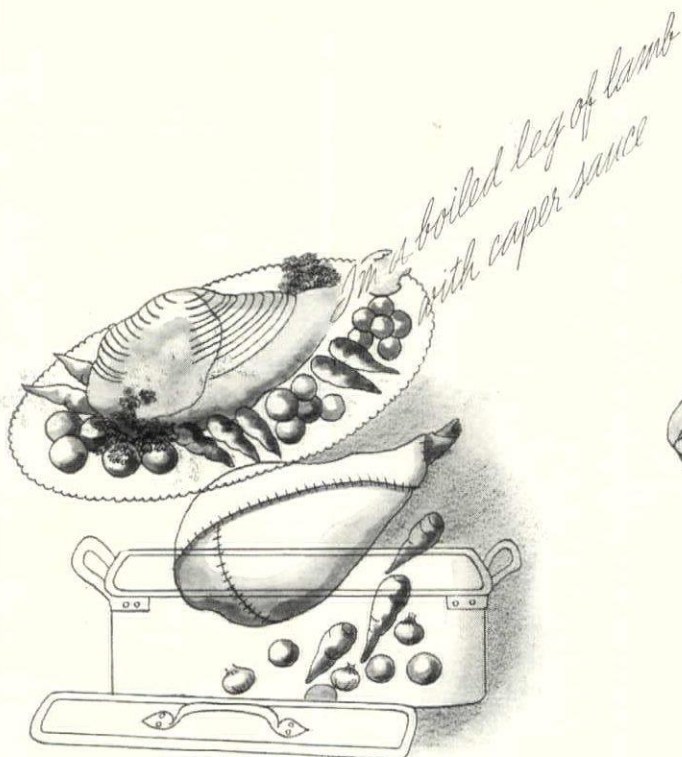
I'm boiled chicken with dumplings



I'm boiled lobster



I'm apple dumplings



bread and cut into little squares. Place a small lump of butter in the bottom of the top part of a double-boiler. Add the bread and pour over it $\frac{1}{2}$ cup of cold milk. Place on fire and heat through—stirring lightly with a fork. Add $\frac{1}{2}$ cup of cream and a little salt. Just before serving, add four tablespoons of freshly grated horseradish.

BOILED CHICKEN WITH DUMPLINGS. First prepare the dumplings.

You will need for this a tablespoon of chicken fat and a tablespoon of beef drippings. These you will have saved from a previously cooked roast of beef and a boiled chicken. Stir the two fats together until creamy, and add, one by one, 3 eggs, a pinch of salt and a pinch of powdered sugar. Add 1 teaspoon of grated onion and enough Matzo Meal to make a stiff paste which will hold its shape. Put this on the ice for an hour or so to chill thoroughly. Then shape it into little balls. Place back on the ice until ready to cook.

Now, put 2 chickens, cut up as for fricassee, in a pot with 3 carrots and 3 onions peeled and left whole, a piece of celery and a small piece of salt pork. Barely cover with warm water, salt lightly, and place on fire. Just before it boils, skim carefully and reduce the heat. Simmer until quite tender, an hour and a half or two hours. In the meantime, cook separately in boiling, salted water with a tiny pinch of soda, 2 cups of green peas. Fifteen minutes before the chicken is cooked, add 1 cup of fine noodles, broken up, to the chicken. When cooked, add the drained peas to the chicken, but keep their water, and add it to a can of chicken broth which you will put into a shallow enamel pan which can

be tightly covered. Add a little of the broth from the chicken to this and heat it all to the boiling point. Now, place the dumplings in this broth all at once; cover tightly and boil for twenty minutes. *Do not take off the lid to see how they are getting along.* More people ruin dumplings by obeying that impulse. When dumplings are cooked, serve the chicken, noodles and peas and all the broth in a big earthenware pot. Add the dumplings, but not their juice, and serve at once to be eaten from soup plates—soup, chicken and all. Serve coarse salt in a salt grinder with this.

BOILED TONGUE. Carefully wash a smoked tongue and soak it overnight. Drain and cover with fresh cold water and bring it slowly to a boil; put 2 cloves and 1 carrot in the water and simmer until quite tender—about two hours. Place on a hot platter and remove the skin very carefully, beginning at tip and stripping it back. Cut off as much gristle and fat as possible from the root and slice very thin. Garnish the platter with a ring of plain boiled noodles which have been well drained and in which you have stirred a big lump of butter. Sprinkle over the noodles some buttered crumbs made by toasting little pieces of bread in the oven until a golden brown and crisp. Then roll them out to make fine crumbs. Melt some butter in a frying pan and heat the crumbs in this.

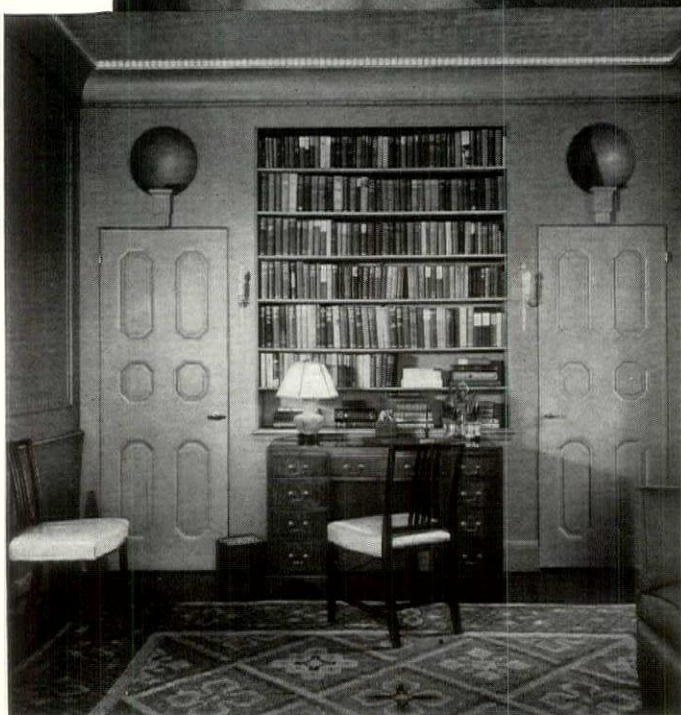
Serve the following sauce with the tongue:

Cut 4 slices of bacon into tiny squares and cook in a small frying pan until crisp. Pour off most of the grease and add $\frac{3}{4}$ cup of heavy cream and heat very slowly. In the meantime, (Continued on page 64)

*Written
and drawn
by June Watt*



TROWBRIDGE



Books serve as decoration

SO COLORFUL are book bindings that, when used in large groups, they play a definite part in the color scheme of a room. They should be treated as a decoration. Two examples show practical application of this principle. In the room above, the depth of the wall made it possible to mass books as a colorful surrounding to a door between rooms. In the Chicago apartment of David B. Stern, at the left, they form a wide panel background to the desk and enhance the interest of the wall. Samuel A. Marx, architect in both instances

Plan your silver wardrobe

For a life of bridal anniversaries

THE purpose of the chart on this page is to establish a buying guide based on usage, so that your silver wardrobe will be complete and so that the purchase of silver will be spread out cumulatively rather than remain static as is so often the case. Built around the needs of an average family as those needs amplify and expand, it provides certain measures of checking and assorting one's silver requirements according to a predicated buying plan. It can help to eliminate useless gifts from friends and relatives by directing their purchases into safer and more useful channels. Finally, it will create a hobby or collector's interest, as well as an ease in entertaining, which will be of great service to the hostess for many years to come.

THE budgeting has been done at a minimum and a maximum average so that at no time will you be without the essentials of correct service. Such dates are not to be considered arbitrary for the sooner one can purchase all of these silver items, the better. Certain objectives, however, are reached by easy stages, such as one's first wedding anniversary, when a check-up is in order after the wedding presents have been sifted and the gaps loom large and clear.

The next stage is the fifth anniversary, when one is more firmly established and when provision must be made to meet one's growing social obligations.

The third check-up comes at the fifteenth anniversary, when, released from essentials, one begins to spread a bit into more luxurious realms. We end with the great climax of the twenty-fifth anniversary.

In itemizing the wardrobe on the maximum plan we emphasize the desirability of more than one service and the interchangeable and harmonious use of various modern and traditional pieces. Silver items can be substituted gradually for glass and china whenever suitable.

In the minimum assortment we are disregarding the accepted conventions of sets, since here the inadequacy of silver needs is first apparent. We suggest sizes and quantities in relation to use and necessity, and whenever possible, make as wide a use of a particular size of fork and spoon as possible, increasing the quantity necessary for smooth service. For example: In a regular service for eight, we suggest sixteen luncheon forks. At luncheon these will be needed for both salad and dessert forks, so two complete courses may be served without washing in between. Even this has not eliminated the necessity of washing the forks used in the main course in time for dessert.

Tablespoons may do double duty as soup spoons and therefore we advise the purchase of twelve, leaving four over for the fork and spoon service required for hot dishes. Double duty may also be required for tea and dessert spoons. They can be used for the cupped soups and as service spoons for jellies and pickles. Many people, however, prefer round bowl soup spoons, and in complete assortments, they certainly have their place, as do ice cream forks and spoons. Luncheon knives can serve as salad knives, and butter spreaders can be used for tea and with cheese.

AFTER the fifth anniversary, as you can readily see by comparing the chart, there is very little difference between the minimum and maximum assortments. Again at the fifteenth and twenty-fifth anniversaries these assortments overlap, since there are certain (Continued on page 66)

FLATWARE

SPOONS:

TABLESPOONS	12	4		
DESSERT SPOONS	8	4		
TEASPOONS	12			
COFFEE SPOONS	8	4		
ICED TEA SPOONS			12	
SOUP SPOONS		12		
SALT SPOONS	4	4		
FRUIT SPOONS		12		
BOUILLON SPOONS			12	
SMALL TEA SPOONS			12	

FORKS:

DINNER FORKS	12			
LUNCHEON FORKS	16	8		
OYSTER FORKS	8	4		
FISH FORKS		12		
SALAD FORKS		12		
FRUIT FORKS		12		
SERVICE FORKS	2	4		
TEA FORKS			12	
MELON FORKS				12

KNIVES:

DINNER (STEEL)	8	4		
LUNCHEON KNIVES	8	4		
BUTTER KNIVES	8	4		
FISH KNIVES		12		
FRUIT KNIVES		12		
SALAD KNIVES		12		
TEA KNIVES			12	

INCIDENTALS:

SALTS	2	4		
PEPPERS	2	2		
LADLES	2	1	3	
SUGAR TONGS	1			
SMALL SERVING SPOONS	4	2		
CARVING SET	1	2	1	
SUGAR SHAKER		1	1	
SALAD FORK & SPOON		1 pr.		
ICE TONGS	1			
PIE OR CAKE SERVER			1	
CHEESE KNIFE		1		
GRAPE SCISSORS				1
NUT CRACKERS			2	
NUT PICKS			12	
SOUP LADLE	1			
FISH SET		1		
LARGE FORK & SPOON (SERVICE)			2	

HOLLOW WARE

CREAM PITCHER			1	
SUGAR BOWL			1	
TEAPOT			1	
WASTE BOWL			1	
URN			1	
HOTWATER JUG	1			
COFFEE POT	1			
SMALL CREAMER	1			
SMALL SUGAR	1			
SAUCE BOATS	2			
PLATTER (OVAL)	1	1		1
SMALL DISHES (PAIRS)	2			
VEGETABLE DISHES (DOUBLE)	1		2	
PLATTER (ROUND)	1	1		
BREAD TRAY	1			
SANDWICH TRAY				1
BOWLS	1	1		
WATER PITCHER	1			
TEA CADDY				1
TRAYS—SMALL	1		1	
TRAYS—LARGE	1		1	
CANDLESTICKS		4	1	
EPERGNES				1
COVERED URNS				2
COMPOTES				2
FRUIT DISHES				2
HORS D'ŒUVRES	1			
CHEESE & CRACKERS			1	
COCKTAIL SHAKERS	1			
CIGARETTE TRAY			1	
ASH TRAYS			12	
CANDELABRA				2
FLOWER BOWL			1	
ASPARAGUS DISH				1
CAVIAR DISH				1

TROPICAL LUXURY

THE appointments of the tropical table setting opposite are fancifully elaborate, accented by details delightfully simple. White pineapples, corals and shells with red pomegranates and crimson prickly pears form the centerpiece, shown below. To the left is the flat silver chosen for the occasion—Towle's Candlelight pattern. Wrought of Mexican tin, the amusing candlesticks are placed within cylindrical glass vases to be breeze proof. The gay napkins are woven in blocks toning from white to deep red—all three from Macy's. Lower left are the plates used. Wooden Mexican place plate, lacquered in black on white, from Fred. Leighton's; the white scalloped flange design from Wanamaker, and next a reproduction of Baleek with shell motif. This, the shell vases and branch coral from Olivette Falls. Pitt Petri's crystal glasses sparkle with fine cross cutting. Coral and shells, courtesy Nassau Development Board of Bahamas, B. W. I.

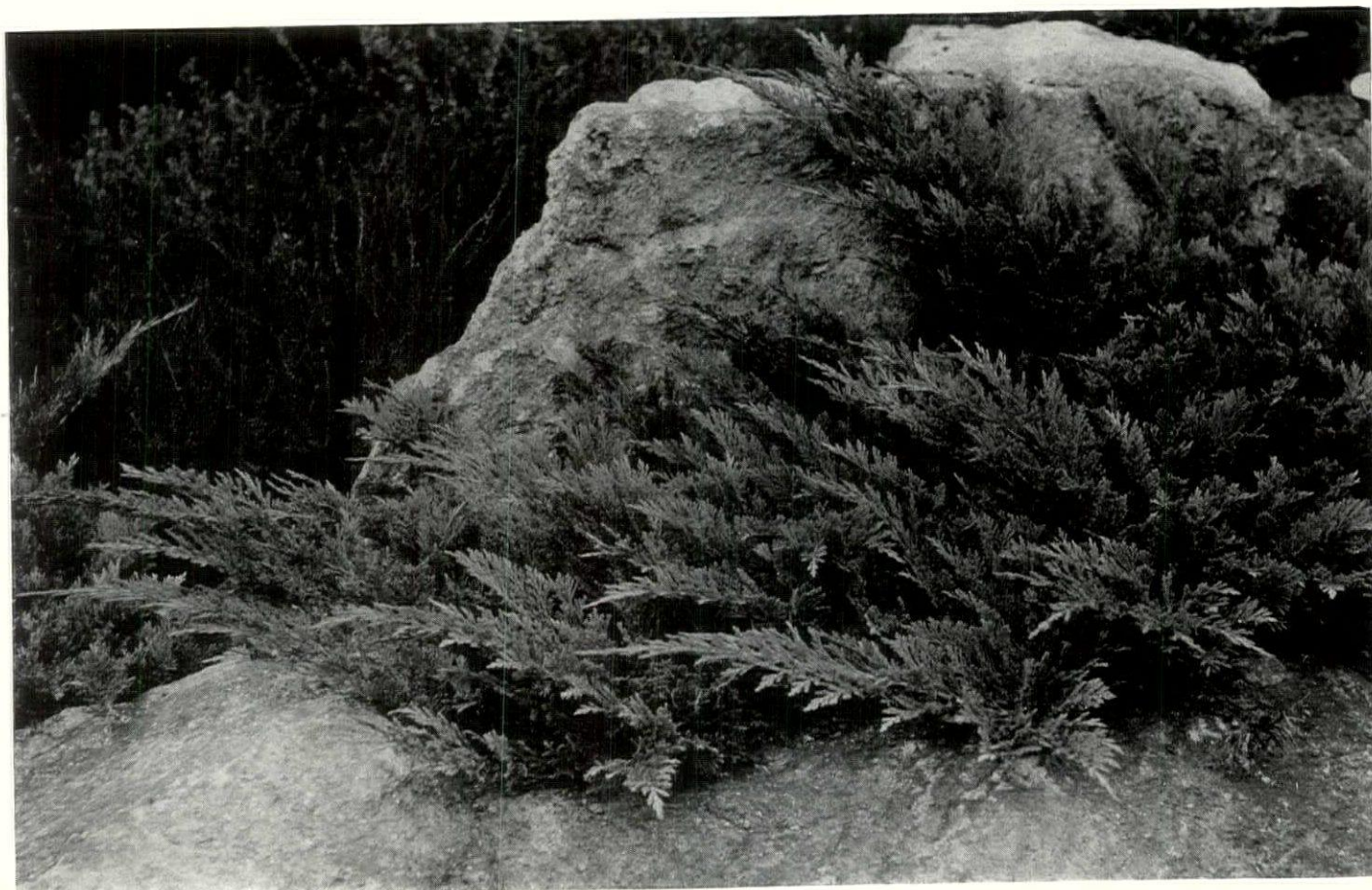




NYHOLM

THE table is set. Dinner is served. The scene is a patio. Time, midwinter evening. Above, wide star-spattered dark blue; below, the sea shimmering with silver lights. To right and to left, plants indigenous to tropical sun and soil cast decorative shadows on white walls. The white iron frames of the furniture appear in sharp contrast to the deep green of the surrounding foliage. The chair seats are in a bright lemon washable fabric; clear glass forms the sectional table top. Furniture comes from the Colwell Company. The plaid sisal rug is shown by courtesy of the Waite Carpet Company

for a winter dining table



WAUKEGAN JUNIPER

Rock Garden Evergreens

by Louise B. Wilder

A rock garden is a sort of fairy-tale landscape. Often it is complete with all the features of a full scale *mise en scène*, with hills, valleys, crags, peaks, plains, rocks, water and a varied assortment of plant life. And of these properties none are more vitally important to the reality of the scene than the evergreen conifers; they are second, indeed, only to the rocks that may be said to make up the bony structure of the terrain. Evergreens are to the natural landscape what character is to the human physiognomy; they endow it with strength, distinction and interest. Without them any countryside is apt to have a certain flimsiness or superficiality of aspect. It is exactly so in the miniature landscape.

The Japanese have long appreciated the value of pigmy trees in their miniature landscapes, but westerners have been slow to learn the lesson in scale which these ingenious and artistic people demonstrate with such supreme skill. There was a time, some eighty or more years ago, when there was a great vogue on the continent and in England for dwarf-growing conifers and there were then a great many kinds to be had. At that time, however, they were used more as curios, or collectors' items, and dotted about singly in conspicuous positions or herded in formal beds on the lawn, rather than employed to do the work in a narrow landscape that would be done in a wide landscape by arborescent types. Then came the usual shift in fashion and the little trees were shunted aside and many of the fine types were lost for good and all, while land owners great and small indulged their fancy for trees of forest stature, particularly evergreens, that dwarfed

their dwellings, shut the light from their rooms and unmercifully robbed the soil of both food and moisture. This last is true down to the present day. One has only to walk about any suburban development to see houses grown insignificant behind towering evergreens that were used in the foundation or lawn plantings.

But now with the popularity of rock gardens there is a new vogue for little evergreens and a very definite and pressing need for them. Unhappily we must now suffer for the sins of our fathers in following a silly fashion and scrapping and completely losing track of so many of the fine natural dwarfs. And by natural dwarfs I mean those chance seedlings of arborescent types that assume and keep a low habit of growth, or such as have become in exposed places stunted through hardship, many of which keep their character. And there are of course such as certain of the Junipers that have a naturally prostrate habit. Today the true dwarf conifers, because they are somewhat scarce, are also expensive, but growers and nurserymen are endeavoring to answer the growing demand and soon undoubtedly there will be no lack. In the meantime if the individual feels unable to meet the expense of the genuine dwarfs, baby specimens of normally tall evergreens may be made use of, but in this case one must have the strength of mind to pull them out as soon as they have begun to out-

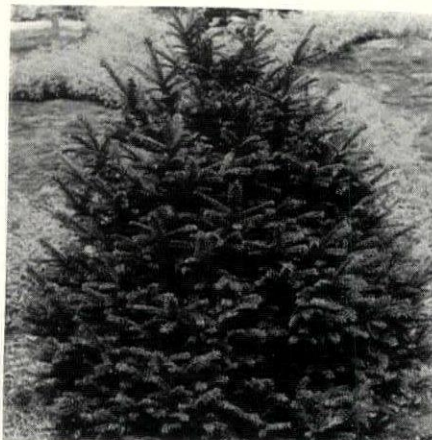
grow their positions, otherwise he will watch his mountains shrink to molehills, his whole little landscape reduced to the appearance of a pile of stones.

The quaintly distorted little trees grown by the Japanese in pots are not recommended for use in the rock garden. Their natural aspirations are held in leash only by the restrictions of the pot and if planted out where they have a free root-run they shortly revert to their original intention of becoming forest trees.

There is one very important point to be borne in mind in planting the dwarf evergreens in a rock garden. They should never in any sense represent a collection or be dotted about indiscriminately. Thus used they do more harm than good—breaking up fine masses of rock outcrop, dwarfing what they should heighten, making trivial what they should enhance, and altogether disturbing any grandeur and stability the little scene may aspire to express. Each little tree should be used with the definite purpose in mind of creating an effect. Very slender pointed types are most appropriately placed in the valleys, or groups of them may climb a hillside in the manner of Cedars, while on the heights illusion is served if low Junipers are planted there, making it appear that the wind-swept situation has brought about their crouched habit. At the base of a cliff some of the irregularly humped sorts, such as *Picea Maxwellii*, will appear like a forest (Continued on page 73)



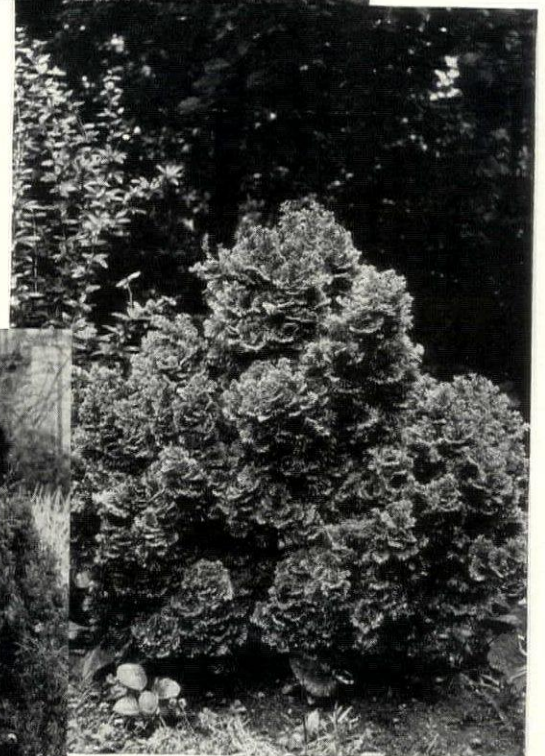
DWARF ALBERTA
SPRUCE



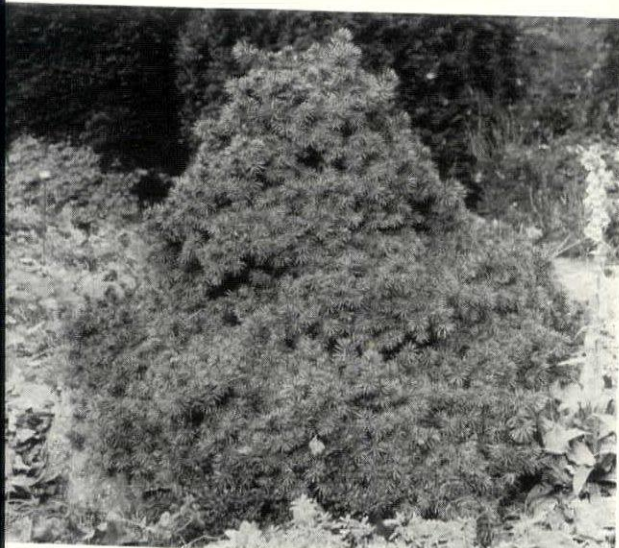
DWARF NORWAY SPRUCE



OHLENDORF'S AMERICAN ARBORVITAE



DWARF HINOKI CYPRESS



GREGORY SPRUCE

THERE is a definite trend today toward the greater use of woody evergreen plants in rock gardening, because of the unique touches they give to the design of the planting. For one thing, there is about them an air of permanence which no herbaceous plant can provide. Their forms, too, are widely diversified, so that they can be chosen to fit a variety of situations. As suggested by the illustrations on this page, well chosen dwarf conifers serve as strong accents and look equally well at all times of the year



CONTAINING an intricacy of structure which the casual eye quite fails to detect, flowers upon close inspection are often strange in their anatomy. More than that, one discovers that their beauty as a whole is composed of many minor beauties each perfect in itself.

Consider, if you will, the four portraits on these pages: Waterlily and Amaryllis above, Gloxinia at the left, and Tiger Lily opposite. All have in common the fundamentals of stem, stamens, petals and foliage, but how completely unlike they are in the detail and relationships of these four principal parts! They are as individual as animals or birds, and a great deal more so than most human beings.

As a fresh field of gardening interest there is much to be said for a close-up study of flowers. The unaided eye alone will come upon an amazing number of unguessed beauties and oddities; with the aid of a magnifying glass one can enter what seems a whole new world. The heart of an Iris blossom holds the perfection of loveliness; the seed head of a common Dandelion is a lesson in ingenuity and the balancing of means to end. The strangest part of it all is the fidelity with which each of the million characteristics is passed on to other millions of descendants. Though the generations be countless, there is no slightest variation in their salient features.



Close-ups of Beauty

21

Plant facts for gardeners in the middle South

By Elizabeth Lawrence

1. In Southern gardens it is certainly better to use plant material adapted to mild climates than to struggle with varieties that will only thrive where the summers are cool. On the other hand, we should not be too sure that desirable plants will not grow in the South until we have given them a fair trial. Many plants that fail do so, not because of the hot weather, but because they are not watered, and not planted in a soil with sufficient humus. Many plants that do well in the North in full sun can be grown here if given some shade.

2. Two favorite perennials definitely not for the South are hybrid Delphinium and Oriental Poppies. While Chinese Delphinium, especially the dwarf types, will do fairly well, other strains must be treated as annuals or biennials, and even then will be poor things compared to those grown in the North. We can console ourselves with Larkspur, which reaches its perfection with us, especially since the large Stock-flowering varieties have been developed. Baby's-breath is also a doubtful subject for Southern flower borders, but we can substitute the charming wild Spurge, *Euphorbia corollata*, which responds to cultivation when brought into the garden.

3. The controversy is still going on as to whether the French hybrid Lilacs are worth while for the South. The general opinion seems to be that they are, if well watered and given a northern exposure. Certainly we should not give up all hope of having them, if they can be grown by taking a little extra trouble. Those who fail with them may do so because they have not given them the proper care, and not because of the exigencies of the climate. The Persian Lilacs are unquestionably the best species for the South. They have the added advantage of being free from attacks of insects and diseases. There are white and purple forms of *Syringa persica*, and the dainty cutleaf Persian Lilac (*Syringa persica laciniata*) is very desirable for the fine texture of its foliage.

4. *Nandina domestica*, the Heavenly Bamboo of China and Japan, is hardy in the Mid-South, and root hardy in protected places in the Northern states. It is considered an evergreen, and no doubt it is in the far South, but in North Carolina it drops its leaves. *Nandina* is a small, slender shrub resembling a Bamboo in form and foliage. Its leaves turn red before they fall. The enormous bunches of brilliant

red berries persist all winter and even into the spring, when they are likely to detract from the effect of early flowering shrubs if planted too near them. *Nandina* will thrive in sun or partial shade. It is said to require a great deal of moisture, but it does very well for me without it. It is a favorite shrub for foundation planting, which is to be regretted when the house is of certain shades of brick.

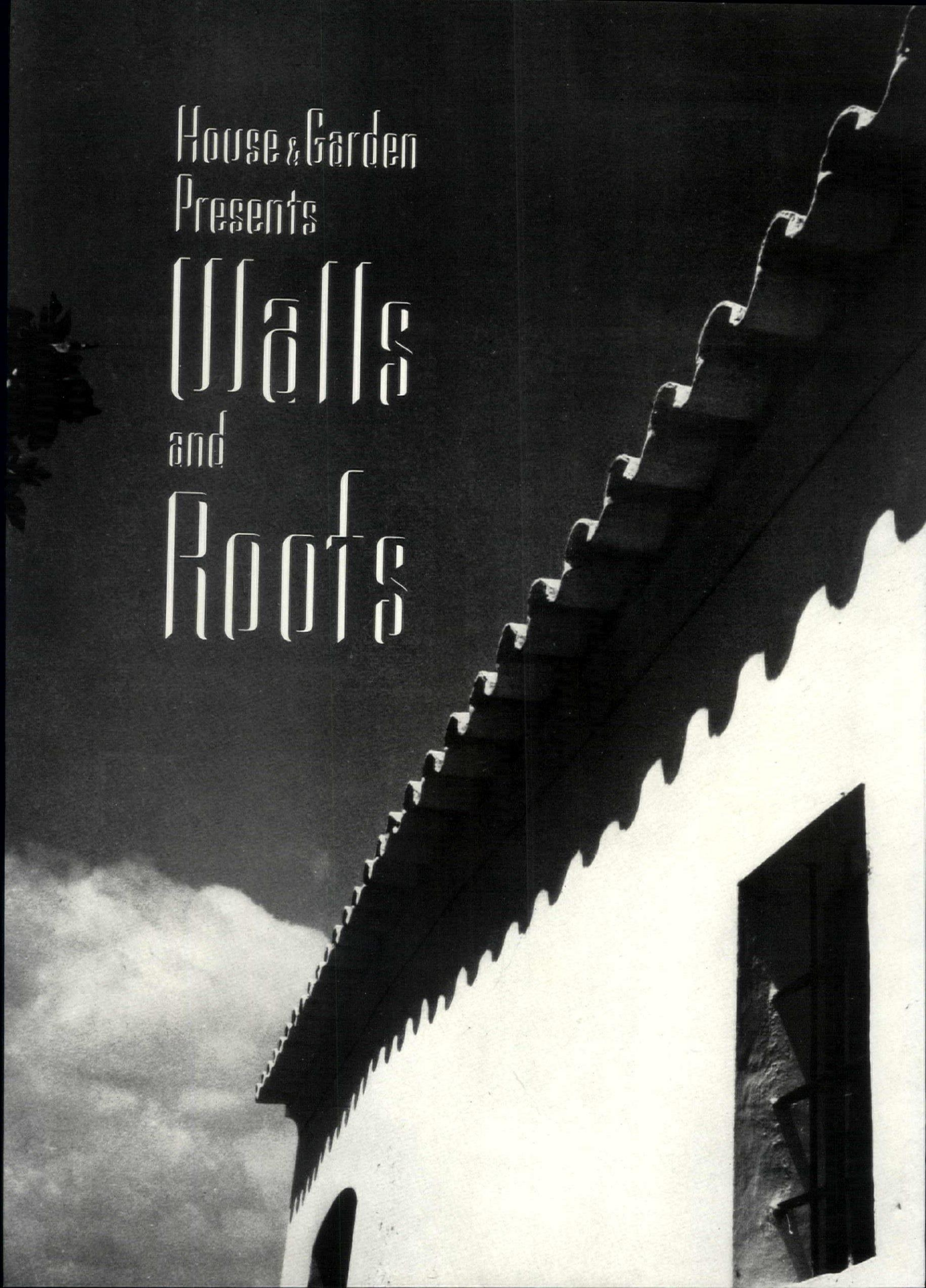
5. As it is unquestionably the best practice for them, Southern gardeners need not take part in the arguments for and against fall planting. Here perennials planted in the spring do not have time to get established before the hot weather. November is the best month for remaking the borders and setting out most perennials, because the early fall is likely to be dry. Annuals, if sown in the fall, should be sown in October, or in December, not in November. I think December preferable, as the beds will be ready for the winter then, and the seeds will not be disturbed.

6. About two inches of well-rotted manure and compost spread on the top of the flower beds in the fall will break down during the winter, and be available for food when the plants begin their growth in the spring. In the South many plants keep their green tops, and continue to make new growth all winter. They cannot be mulched heavily, as is the practice where the ground freezes, but they need some protection against sudden freezes after very mild weather. It is a good plan to watch the weather reports, and put a light covering of broomstraw over the beds when a heavy freeze is predicted. This should be taken off when it turns warm again, and put back when there is another sudden drop in temperature. This is not much trouble, as it will only be necessary once or twice during the winter.

7. The Mimosa (*Albizia julibrissin*), a graceful tree from the Orient, has become naturalized along the highways in the South, and is hardy to Washington. It is a perfect tree for flower gardens because its shade is too light to keep flowers and shrubs from blooming, and because, being a legume, it adds nitrogen to the soil. In addition to its resistance to disease and insects, it has a characteristic and interesting form, fine, Fern-like foliage, and delicate, silky rose or yellow flowers, borne profusely in June and sparsely throughout the rest of the summer. Their tropical fragrance is delight- (Continued on page 68)

House & Garden
Presents

Walls
and
Roots



Walls and Roots



MOST of our readers, when they build, will retain an architect; probably all of them will employ a reliable building contractor. It is the concern of these individuals to see that materials are of good quality and composition and that the construction of the building is sound and correct. It is the client's concern to satisfy himself that the appearance of his house as well as its construction is pleasing to him and that in selecting the materials to be used he has not overlooked any important possibility.

This article, therefore, will devote itself to a general review of wall and roof materials, high-lighting especially such matters as color and texture and drawing attention to such new methods and materials as have taken their place beside the more established ones.

Inevitably, a discussion of walls must begin with some mention of those traditional materials—wood, brick, stone and stucco—which are still the mainstays of the home-building field. All of these are too well known to require detailed consideration but there are certain points of interest which it might pay the prospective builder to consider.

For example, although there is nothing new about wood siding, modern architects have achieved a fresh and interesting effect in their use of siding, usually in wide boards, on modern homes. Some of these woods are famous for their durability and resistance to decay and their natural warm color is, of course, an asset.

Progress in rendering wood immune to attack by termites is a development of great importance to the home owner. In all sections of the country where the termite ant is a menace, the wood-constructed home should have the protection of termite-proof construction.

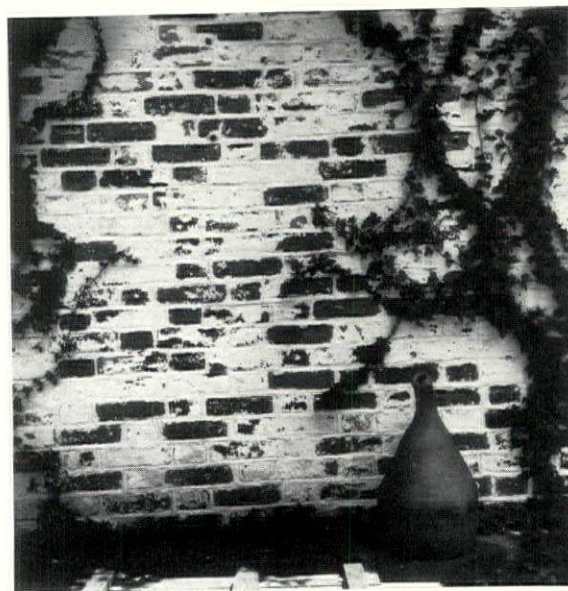
Brick is another material which, despite lack of any sensational improvement, has maintained its popularity by virtue of its inherent worth. A very wide range of sizes, colors and textures is available and the prospective builder would do well to study a fairly representative group of samples before making his selection. Some brick is more characteristic of Georgian and Colonial architectures, for example, than others, and a proper choice, combined with the appropriate bond, will often do much to build char-

acter and authenticity into the finished structure.

Stone houses are usually built of native rock and the choice is therefore properly limited to the material locally available. The beauty of well executed stone masonry is indisputable and in localities where the material is plentiful and labor not too high the cost may compare favorably with other types of fire-safe construction.

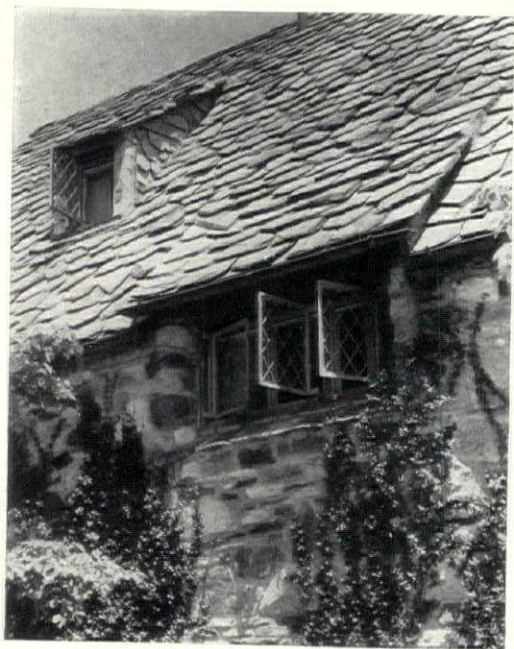
Stucco has been a favored material for many centuries. Craftsmanship in its application has been developed in many countries and with a wide variety of effect. Color and texture are important factors and the modern craftsman has at his command a broader range of colors and a better quality of material than have ever before been available. But it should be remembered that the texture and character of stucco are to a great extent dependent on the ability of the workmen who apply it. If really fine results are expected, only skilled and competent workers should be employed.

Reinforced monolithic concrete is one of the comparatively new additions to home building methods



Brick seems to be increasing its long-standing popularity as manufacturers offer a wider range of colors and textures to match the charming products of earlier days. Natural, whitewashed or painted, brick meets many needs. Brick Wall at Chatham, Fredericksburg, Va. Old Virginia Brick

Attractive textures and soft, unobtrusive coloring are important reasons for the use of slate for residential roofing. The heavier slates, such as those which the architect, H. E. Woodsend, used for the home of Mr. and Mrs. Stanley Resor, at Round Hill, Conn., are particularly effective with rough stone walls



and materials. It has been quite generally appreciated on the Pacific Coast for many years and more recently its use in domestic architecture has spread across the continent. With contemporary trends in design coming more and more into favor, the adaptability of concrete construction to this type of architecture will doubtless prove increasingly significant.

This material offers the home builder several important advantages. Durability, of course, and fire safety are inherent in monolithic concrete construction. Whether built in California or Quebec, concrete structures are permanent and enduring. But scarcely less important to the owner is the range of textures, of surface treatments and colors, that modern technicians have evolved. Walls of monolithic concrete are made by pouring concrete into wooden forms and permitting it to harden, after which the form boards are removed. The pattern of the form boards remains on the surface of the concrete and, consequently, rough or smooth surfaces, horizontal or diagonal lines, and a variety of other studied and controlled effects may be produced by essentially simple manipulation of the forms before the concrete is poured.

Cast stone—blocks of cement and stone or cinder aggregate—appears to be increasing in popularity as a material for exterior walls. It affords an opportu-

The growth of modernism has given a great impetus to the use of monolithic concrete walls. Long favored on the Pacific Coast where the molds into which the concrete is poured are used to give interesting textures to the wall surfaces, monolithic concrete is now becoming popular in other parts of the country. Home of Dr. Michael R. Williams, Westport, Conn. Barry Byrne, architect

nity to secure an effect similar to that of cut stone but at much less expense. When used with understanding, with frank appreciation of its own inherent character, cast stone yields results of real distinction. Color may be applied by means of paint, stain or stucco, or the wall may be left in the natural tones of the blocks themselves.

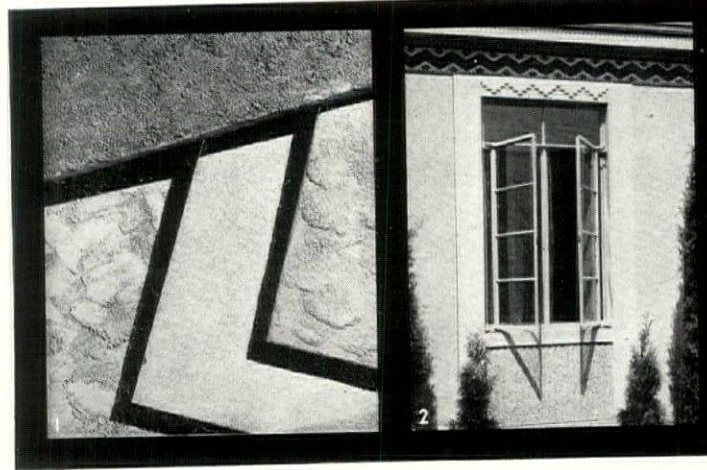
Tending more toward prefabrication is the newly developed technique of precasting entire concrete wall sections and erecting these at the site. One of the advantages claimed for this method is that the concrete slabs can be cured in the plant under controlled conditions of temperature and humidity, thus producing more uniformly perfect results than are otherwise possible. Another, and perhaps even more important, point is that the slab can be surfaced with selected aggregate in permanent colors and tints, and design motifs in color can be cast integrally with the

slab, obviating any further decorative treatment.

Metals are becoming increasingly important as building materials, even in the small house field. Steel, for example, customarily associated with the erection of skyscrapers is now the subject of intensive investigation aimed at adapting it to both the framing and the sheathing of residences. Considerable progress has been made, and there is no reason to doubt that this type of construction is destined to become very popular. The manufacturers of prefabricated, or semi-prefabricated homes, are especially interested in metal because it offers great strength without excessive weight, is adapted to accurate fitting and quick assembly on the site, and is fire safe and durable.

Copper sheathing for walls, like copper roofing and shingles, is also coming into the building picture. Two of the outstanding merits of copper, of course, are its durability and resistance to deterioration—conclusively demonstrated in the roofs of many ancient buildings in Europe.

Used in combination with steel or wood frame structures are many new enclosing materials manufactured of rock fibre, asbestos-cement, and similar substances. The best of these are durable, fire-resisting and weather-proof and, in some cases, provide



Left: characteristic stucco textures are illustrated by these panels, three of which are shown in color on page 48. Artstone Rocor Corp. Right: concrete slabs, precast with selected colored aggregate, permit permanent coloring with prefabrication economies. Earley Process Corp.

effective insulation. They may be used unpainted or painted. At present, these materials are employed principally in the construction of small cottages, bungalows, camps and the like, where their use offers considerable economies over many other types of materials.

Glass is making a strong bid for consideration as a wall material. Structural units of hollow glass are now manufactured by several companies. They are self supporting when laid up like brick and, in addition to admitting light, have a definite character and decorative quality of their own. Most types are manufactured with some pattern moulded in the glass to promote diffusion of light and consequent better distribution.

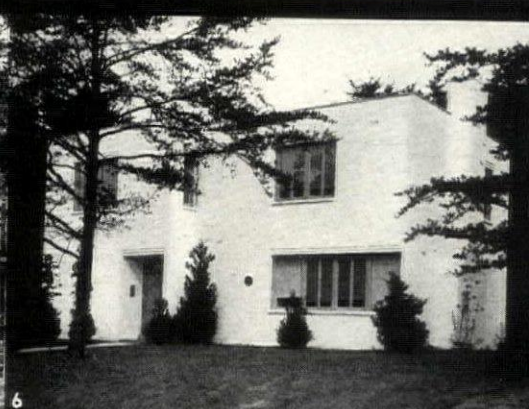
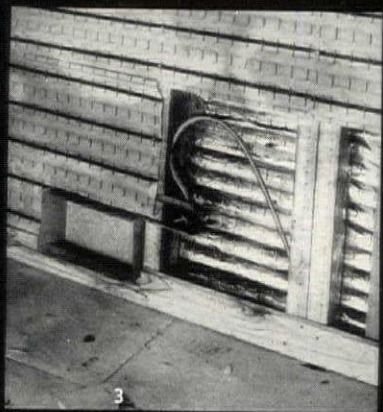
As in the case of walls, contemporary roofing materials comprise a number of traditional types augmented by the products of modern research and manufacturing methods.

In the first group we find such old reliables as wood shingles, slate and tile, while the second includes composition shingles and roofing, copper shingles and copper sheet roofing, and prefabricated steel structural roofing.

The best wood shingles are made today substantially as they were made centuries ago—hand split from selected wood. These shingles have a beautiful texture and are extremely durable, which compensate

The charm of many materials, adroitly combined, is illustrated in this house. The rough texture of staggered-butt wood shingles culminates in a row of curved tile at the ridge. The rugged stone wall is matched by the sturdy strength of half-timbered construction, while brick, skilfully used in a traditional manner, fills in the spaces between the framing above the large window. The residence of Mr. and Mrs. H. Philip Staats, at Kent, Conn. H. Philip Staats, architect





Metals protect against heat, cold, fire and deterioration. At left, above, a section of wall shows structural members composed of a fireproof core wrapped in steel. These can be cut and nailed like lumber. The wire lath is an integral part of a bright metal surfaced insulating fabric. (Reynolds Metals.) Next picture, work-

men applying copper sheets to the wall of a house. (Copper Houses, Inc.) At right, two stages in the construction of a steel frame house. The steel is erected without waste and enclosed in brick walls. (Berger Mfg. Co.) Metals promise to play a decidedly important rôle in future substantial home building

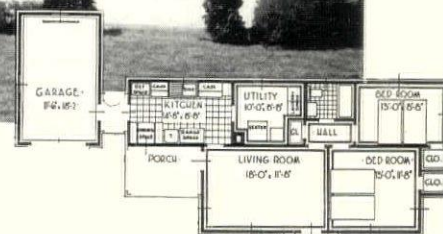
for their slightly higher cost. Probably the most interesting point, to the home builder, is the very wide range of stains now available for use on shingles. Not only do such stains prolong the life of most shingles but they afford an opportunity for the use of soft or vigorous tones which are in keeping with the contemporary trend toward discerning color combinations.

Shingles, whether wood or composition, are of course frequently used for the walls as well as for the roof. In this connection it is noteworthy that many a house has been immensely improved in appearance, as well as in value, by applying new shingles over the old roof or walls.

Slate is hard, non-absorbent rock, and a slate roof is consequently as permanent as rock. The quarrying and cutting of slate is an ancient craft and modern manufacturers, although they have found means of producing commercial grades economically, have not lost sight of the value of hand-wrought craftsmanship. Natural colors range through a variety of greens, grays, buffs, browns, purples, blacks and reds. Some of these soften with age and weathering; others are permanent. Customarily, slate is used in combinations or blends of tones, and often in a variety of mixed or graduated sizes. Cost is naturally a factor in the use of good slate, as is also the weight of this material which re- (Continued on page 50)



DAVIS



Right, above: matching the shingled roof which graduates from long shingles at the eaves to short ones at the ridge is this Colonial type of wall on which the narrow clapboards at the foundation become wider as they ascend. Below: of the prefabricated type of construction is this cottage built of interlocking steel units. Metals are especially suited to a time-saving unit assembly of this sort, and being economical, durable, and fireproof are being intensively investigated by leading manufacturers. Steel Buildings, Inc.



BRUEHL-BOURGES PHOTO — CONDÉ NAST ENGRAVINGS

The colors and textures offered by manufacturers for the beautifying of walls and roofs, new and old, make real news. Ranging from delicately tinted concrete blocks and stucco finishes (at left) through slates, shingles, tiles and bricks, to the new glass building blocks (at right), the palette offered the home builder is a full one. Above the slates at the left is a shingle-shaped piece of copper 145 years old, showing how handsomely this material weathers. Contrast it with the new copper, in the background and through the center of this color photograph which was taken especially for us.



FOR NAMES AND ADDRESSES OF MANUFACTURERS SEE PAGE 76

quires rather substantial framing for its support.

Roofing tile for residential work is obtainable in a variety of sizes and patterns, some of which are accurate reproductions of Old World types. There are curved tiles, such as Spanish, Roman and Mission, and flat shingle tiles which are often used in random sizes. Colors range through buffs, reds, greens, and blues, and a new tile with a permanent dull white finish has recently found much favor in Florida. Tile, like slate, is a permanent roofing and has the added advantage of fire safety and freedom from maintenance costs.

Composition roofing, whether of the shingle type or the roll type used on flat roofs, is the product of modern methods and ingenuity. It is usually composed of a felt-asphalt base with a mineral surface, or of asbestos and cement. There is an almost unlimited range of types and color schemes, and some types reproduce the effect of wood shingles with remarkable fidelity. Economy, fire safety, and absence of maintenance expense are important advantages of this material. As in the case of wood shingles, there are certain types of composition shingles and siding which are frequently used on walls and which may be applied over old siding or shingles.

Copper, as a roofing material, is centuries old, but recently it has appeared in new forms which compare favorably in price with other permanent roofing materials. Copper shingles are a good example. Made of sheet copper, corrugated lengthwise, they have a rolled bottom edge which gives the effect of thickness. Actually they make a lasting but extremely light

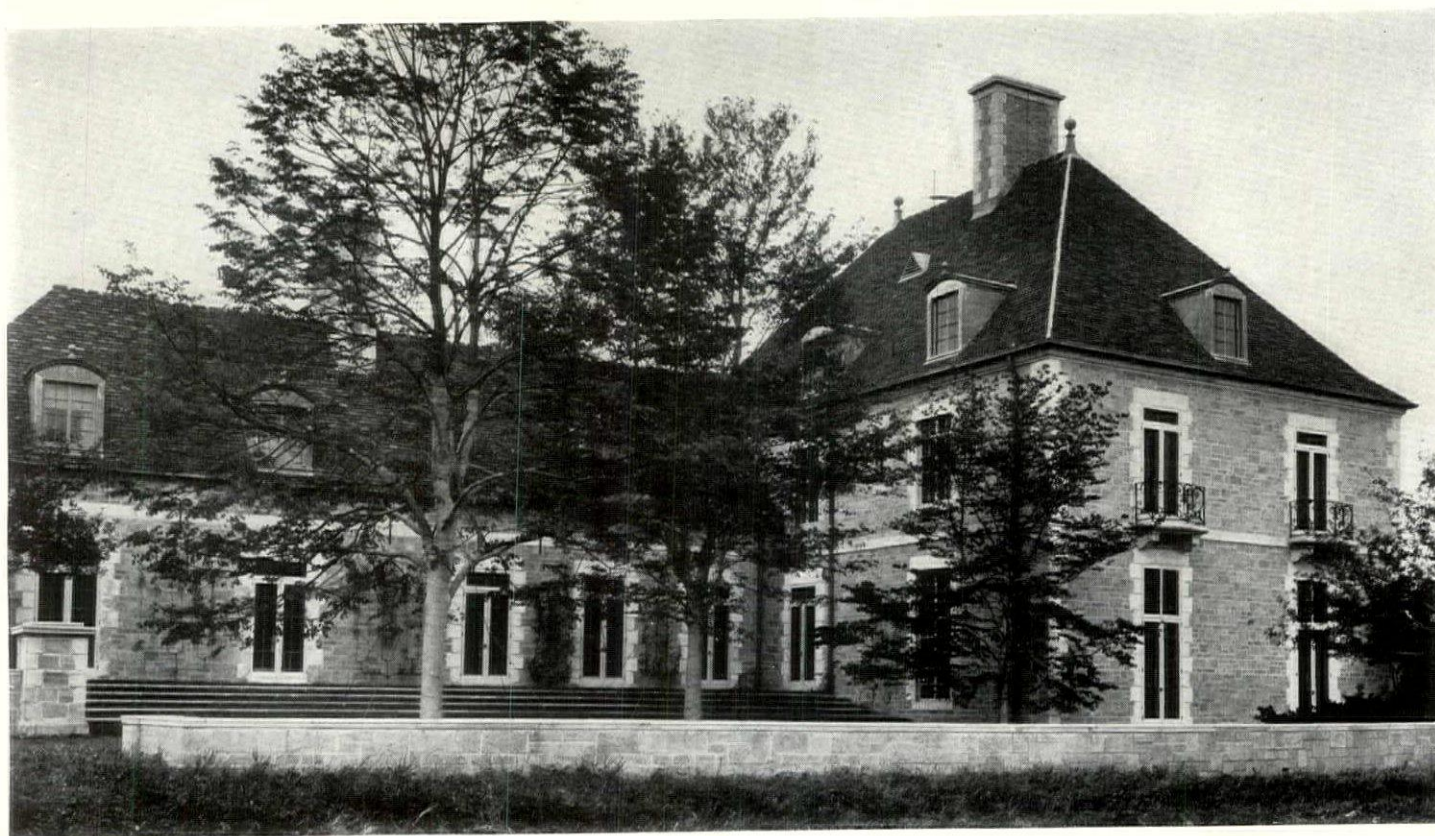
roof, weighing approximately half as much as wood shingles. The natural copper turns to a soft mottled green when used near the sea, and to a rich brown inland. It can also be supplied with a permanent green patina chemically applied, or, at slightly greater expense, with a thin lead coating.

Copper sheet roofing, laid in strips about 16" wide with a standing seam, is now available at approximately the cost of commercial slate. Composition roll roofing, for flat roofs, may be obtained with the added protection of a thin layer of copper.

Also for use on flat roofs are such new products as interlocking steel sheets which form a continuous deck over which insulating material and surface roofing are applied.

This review of wall and roof materials, while necessarily brief, should serve to encourage the prospective home builder or remodeler to investigate for himself the varied products in this field before making a decision. He may lean on his architect for guidance and practical knowledge but he should not deny himself the pleasure of seeing the widest possible assortment of wall and roof materials.

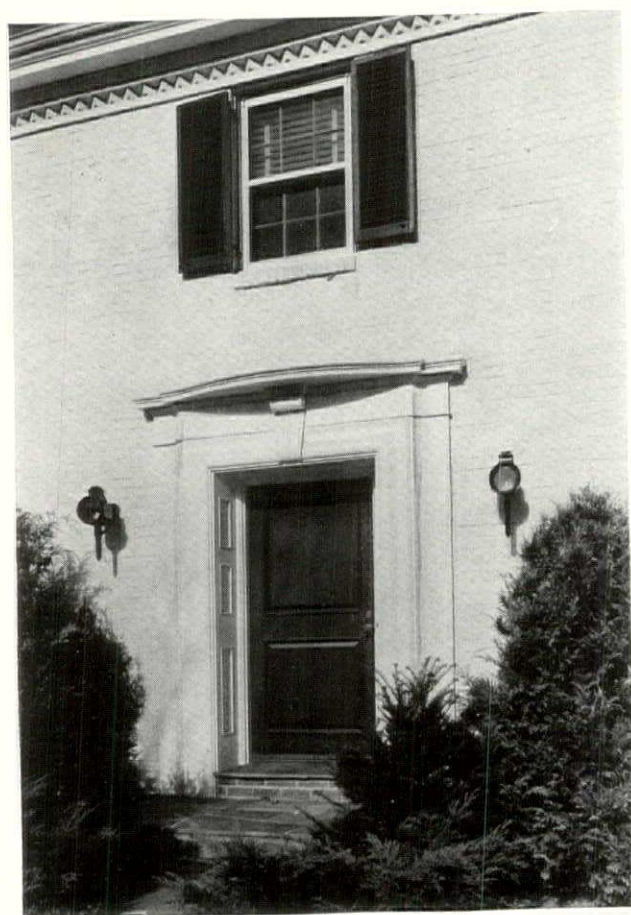
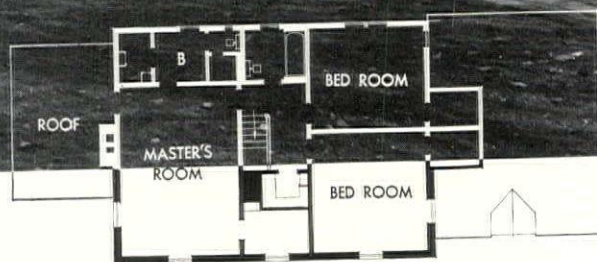
One of the most recent developments in the building field is the use of tinted, precast concrete blocks for exterior walls. These are generally laid in random ashlar courses as shown below in the house which Adams & Prentice designed for Mrs. J. R. Luce at Gladstone, N. J. The color scheme of Mrs. Luce's house is a mixture of light tans and browns. See also our color photograph: page 48





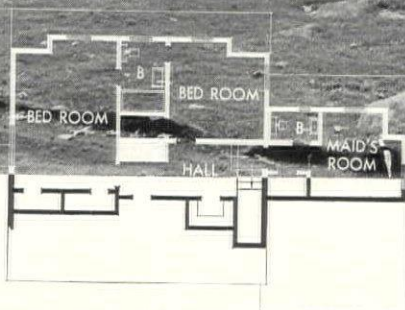
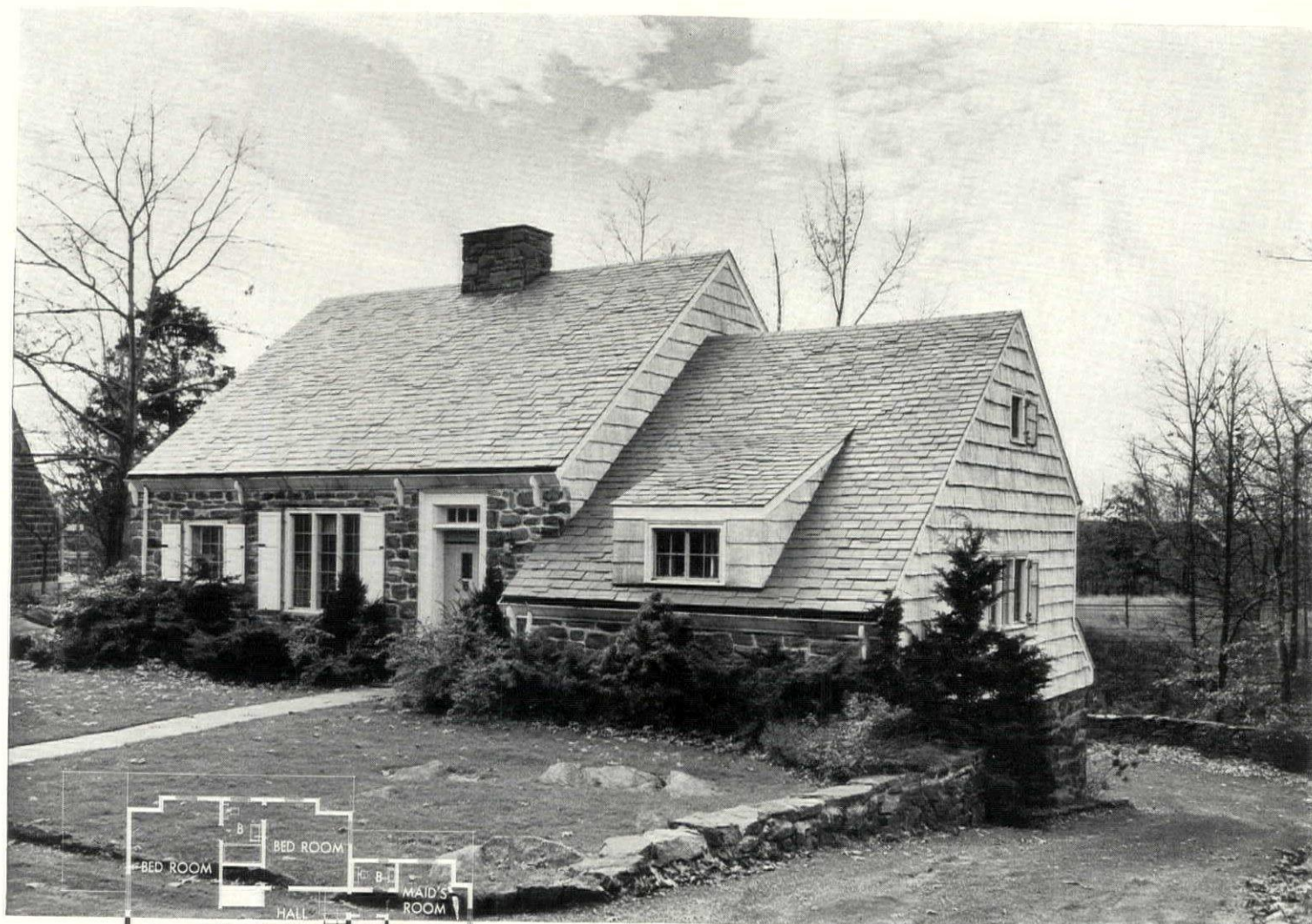
JOHN KABEL

Noble trees make noble streets, whether they are
New England Elms or these stately Lawson Cypresses in Florida



Neat French for a New York suburb

THE residence of R. E. Funke at Rouken Glen, Larchmont, New York, is almost modern in its pleasant simplicity. It has been designed in the formal French manner with walls of whitewashed brick and a slate roof. The plan is also direct and logical: To left of a central hall is the living room; to the right are dining room and kitchen, with a library and a maid's room over the garage in a wing that descends the hillside. The rear end of the house-depth central hall is used as a breakfast room, thus sanely utilizing otherwise unimportant space. Above are three bedrooms and two baths. Master's room and bath occupy the entire space over the living room. Urbain Turcot was the architect of the residence



And a little house set into a slope

A HILLSIDE house always stirs an architect's imagination. Here is a chance to make a place appear more than ordinarily well allied to the site. With walls of native stone this small house literally appears to sprout from the ground. Dining room, kitchen and master's room are in the front. The living room is at the rear, two steps down from the front room level. The garage is below, where it is convenient but inconspicuous. On the upper floor are two bedrooms and a bath and a maid's room and bath, with exposures to the rear and ends of the house. The home of Robert Loeb, also at Rouken Glen, Larchmont, and designed by Urbain Turcot, who did the house on the opposite page



S. H. GOTTSCHO

Courtyards and Garages

Fresh light on a problem

important to every house

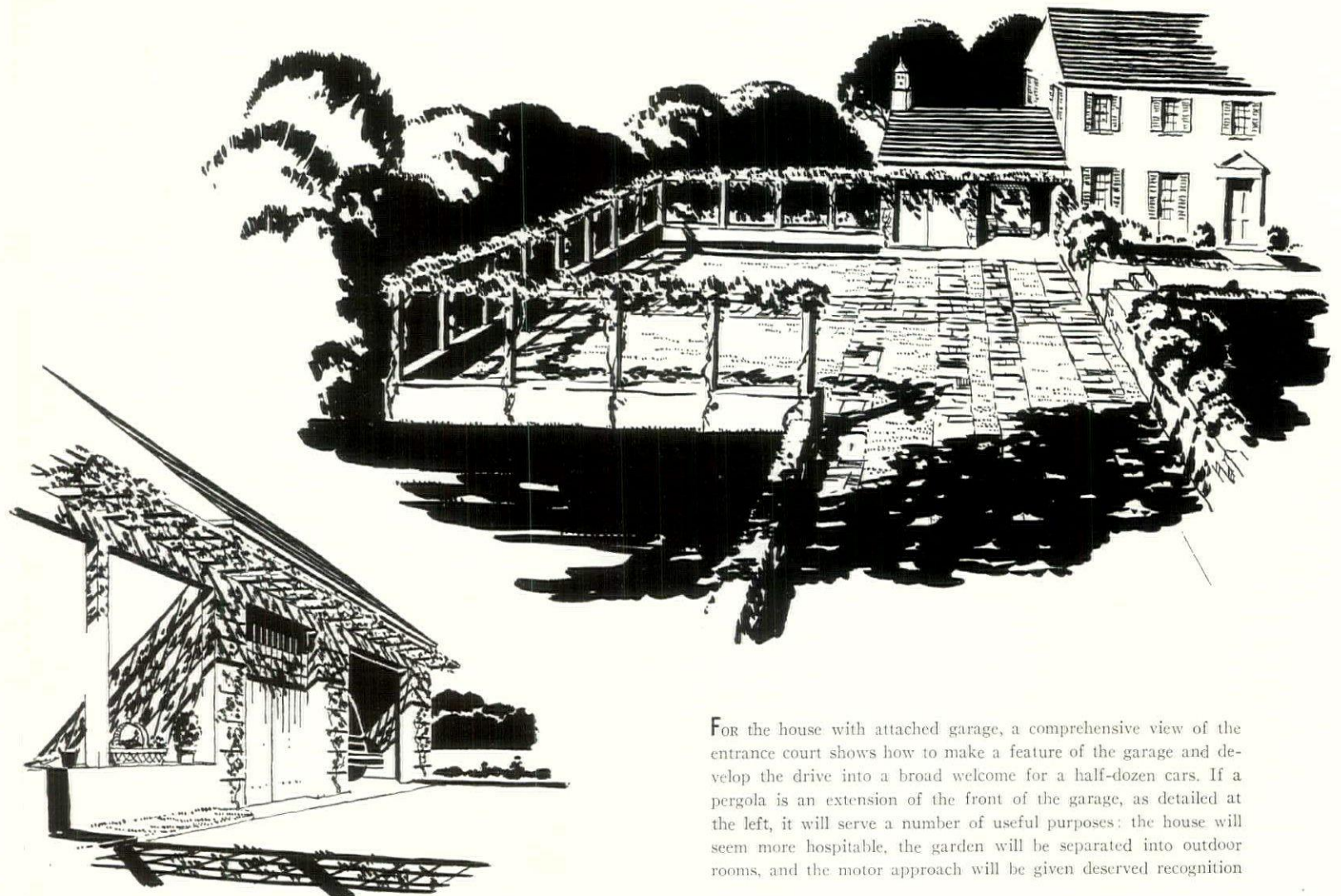
By Gerald K. Geerlings

THE primary purpose of any entrance court is to be useful. To accomplish this the court must be easy to enter and to leave, not alone for a single car but when several are parked there. In case you have staked out an area which would seem sufficiently ample, invite several good-natured friends to park their cars, and then have various ones try to extricate themselves. Within a very few moments it will be evident whether or not the allotted space is large enough and of proper shape to serve its purpose. If a garage court is to function agreeably it must be so laid out that when there is a party any one car can leave without the others having to be moved.

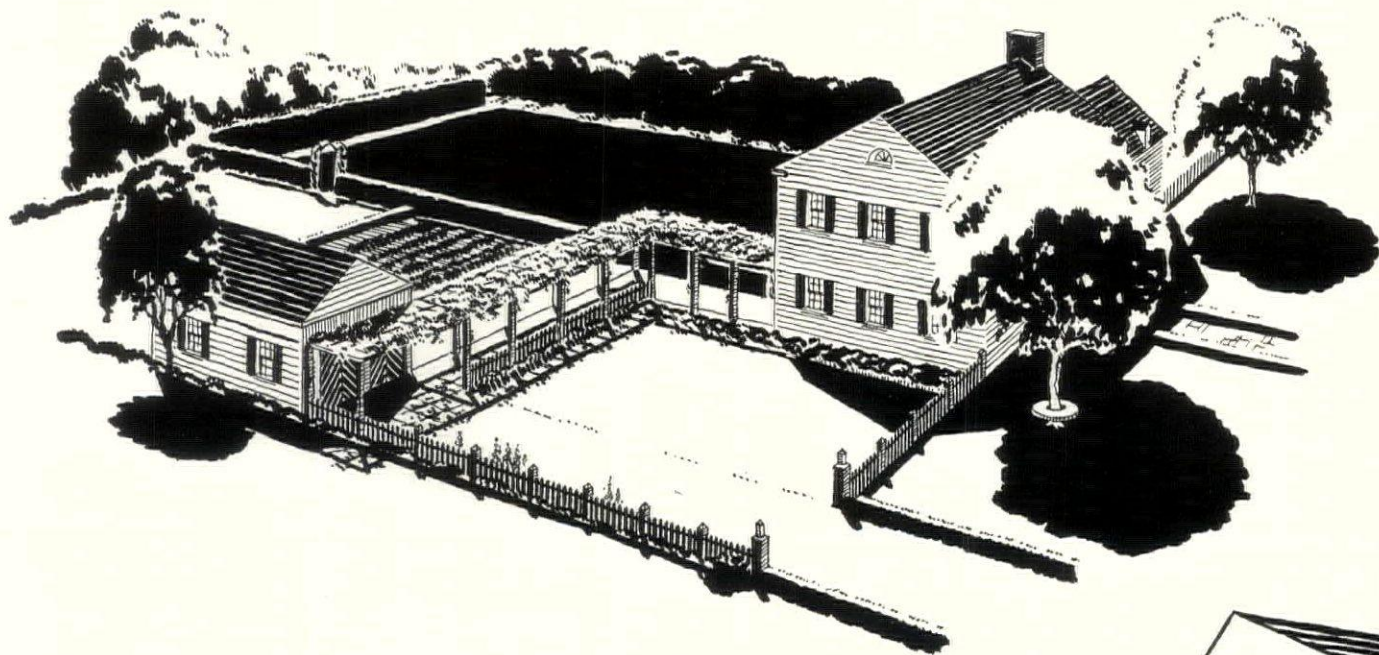
The final test of a plot to be developed into a court is to have a friend drive into the marked off area when it is dark, unfamiliar to him, and with you beside him. If

he finds it difficult to see where to go and how far it is possible to go, if the entrance to the house is obscure after the car has been parked, if the parking space is near a steep bank which makes the driver feel uneasy—if you will study the reaction of a number of sensible friends as they first meet up with the projected forecourt, the conclusions you come to should be sound ones.

It is not exaggeration to state that a garage entrance court can change the aspect of the house. When the garage is attached and the house seems too high out of the ground a pergola should be built which continues on the same line as the front of the garage, and the effect will be to lengthen and lower the house. If the pergola is placed on a low wall the combined effect of masonry and overhead lattice will be to make the court seem a part of the house



For the house with attached garage, a comprehensive view of the entrance court shows how to make a feature of the garage and develop the drive into a broad welcome for a half-dozen cars. If a pergola is an extension of the front of the garage, as detailed at the left, it will serve a number of useful purposes: the house will seem more hospitable, the garden will be separated into outdoor rooms, and the motor approach will be given deserved recognition



HERE it is demonstrated that even though a garage may be located at some distance from the house, an attractive entrance court can be formulated. Even haphazard conditions can be made to appear as though the result of a carefully preconceived plan. The winter advantage of a pergola is that it can be glass-enclosed and so offer shelter against inclement weather. In summer, planted with vines, it will provide decoration superior to architectural ornamentation



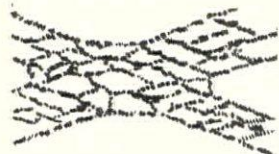
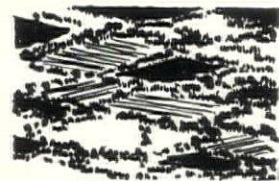
construction, and thus appreciably increase the latter's apparent size. If both house and garage already exist and are separated by distance and differences in design, a pergola arrangement such as is shown on this page can work wonders. Instead of the effect being that of two structures having no relation to each other and being inconvenient in bad weather, a connecting pergola can make it appear that the courtyard was meant to be rectangular in shape, and glassed-in during the winter months.

Within the courtyard area there can and should be a garden—but it should be confined to the outer perimeter. It should consist largely of vines which will grow upward on lattice and overhead pergola members so that bumpers and wheels will not do damage. If it is desirable to have a flower or shrub border this should be raised above the drive level for obvious reasons, and elevated enough so that a moving car will not be able to mount the curb. This curb should be of heavy stones well imbedded in earth or mortar, or it should be a poured concrete mixture. If there is to be a fence, it will be the better part of intelligence to have a substantial curb well in front of it so that a convivial driver will not bump it over.

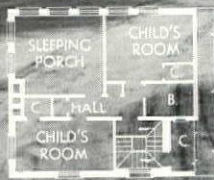
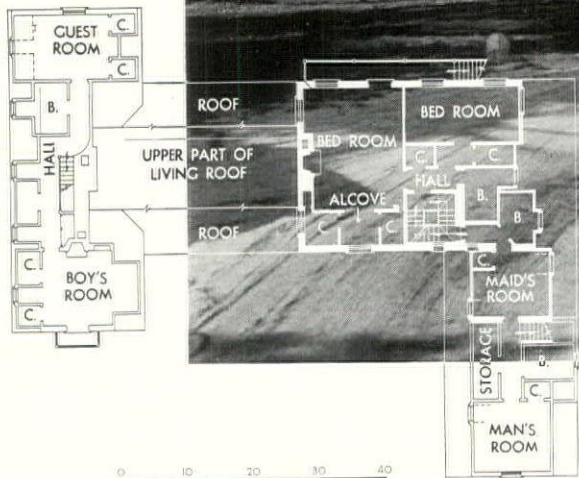
Construction notes on erecting pergolas are few, but they record a veritable song-of-

sixpence. All members should be stock and inexpensive, and the labor will not be considerable. Vertical posts should be of clear cypress (for longevity and lack of resin-running knots), while the overhead members could be of clear fir. If both vertical and horizontal supporting members are 4 inches on each side in section, the effect will be strong yet light. Before erection the wood should be given at least one coat of wood preservative. Each vertical post should rest on a concrete pier, and be either imbedded in the concrete or impaled on a long vertical spike. Ordinary lattice strips of stock sizes are all that can be desired for the encouragement of vines—it being taken for granted that wherever vines are expected to grow the soil will be duly prepared.

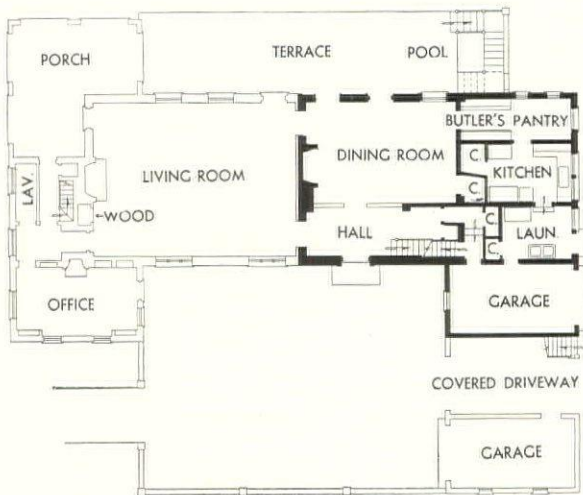
As for surfacing, it is taken for granted that there must be a sound roadbed made of large stones (to a depth of 1 foot) topped with smaller stones, and all rolled solidly. But the surfacing need not be either dark or light finely-crushed stone or gravel. The small drawings on this page give a few of many possibilities, the choice depending upon personal preferences, funds available and the effect desired. In all decisions affecting the courtyard it should be remembered that the well-planned, well-planted and well-maintained courtyard can have the charm of a large garden.



THE finish of drive and courtyard need not be monotonous. At top are flagstones with grass. Next, flagstones confined to runways, borders and diagonals, cinders or gravel between. Follows a bold pattern of crushed stone and black cinders added to the treated surface. Last, cobbles or blocks with grass



BORDORFF



PRESENT ENTRANCE

TO BE CONTINUED ON



DINING ROOM

THE Frederick P. Goodrich house at Daytona Beach, Florida, is one of those residences which will continue to grow if and when the famous breathing spell becomes permanent. At present the tower section has been erected. Eventually a wing will extend forward from this, as the sketch and plans show. Several simple changes, of course, will be made in the plan. The present dining room and entrance hall will be divided to make a living-dining room. What is now the breakfast room will be the pantry.

Meantime, with charming decoration the house is very livable. The Italian architecture of the exterior comes through the walls to the decoration within. On this page are glimpses of the stairs, the dining room and the living room. A. H. Pierce is the architect



STAIR HALL

A BUDGET



LIVING ROOM

A Greenhouse?

THESE remarks are not addressed to owners of large gardens with several permanent gardeners, but rather to the average home owner who at most employs only an odd man to cut the lawn and do the more strenuous tasks, such as manure-wheeling, tree-planting and general digging, of course under personal supervision. It is among such folk that the greenhouse is still a comparative rarity, often because they have never really understood what glassed-in gardening actually implies in the way of responsibility and dividends of many unexpected sorts.

Maybe you have toyed with the idea of possessing a greenhouse, but have hesitated for various reasons. You are doubtless unaware that a greenhouse does not have to be an expensive affair, since all manufacturers have standard types of houses that can be adapted to suit one's own conditions. You, like myself, may have some reluctance in giving up an open space in the garden to a span roof structure; but perhaps there is room behind the garage that can accommodate a lean-to. And even a lean-to, let me state, can do an amazing job of providing flowers and a whole world of plant pleasures.

It is, of course, possible to attach a lean-to greenhouse to the dwelling and heat it from the house boiler; but it must be remembered that, whereas the dwelling is allowed to cool off at night, a greenhouse, with its thin glass walls and roof, requires plenty of radiation on a cold night, and consequently must have sufficient radiators, controlled by a special valve and an active fire to keep the steam or water moving constantly, lest the temperature go down. (Continued on page 75)



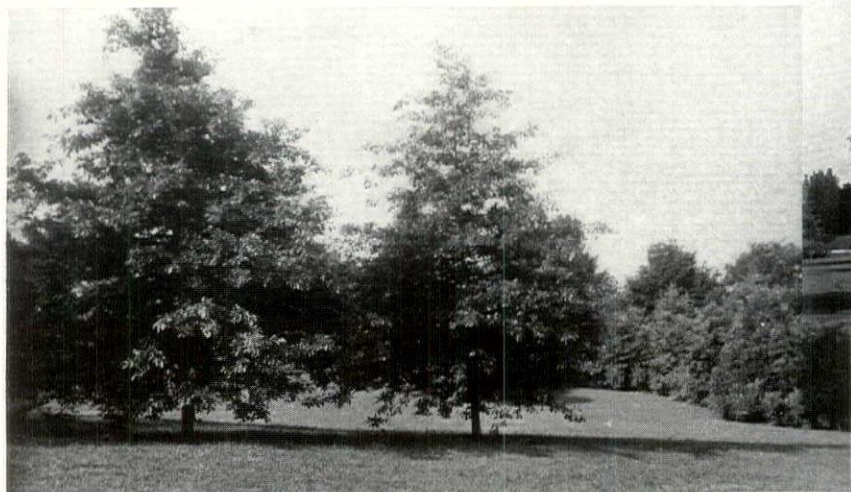


MARTINUS ANDERSEN

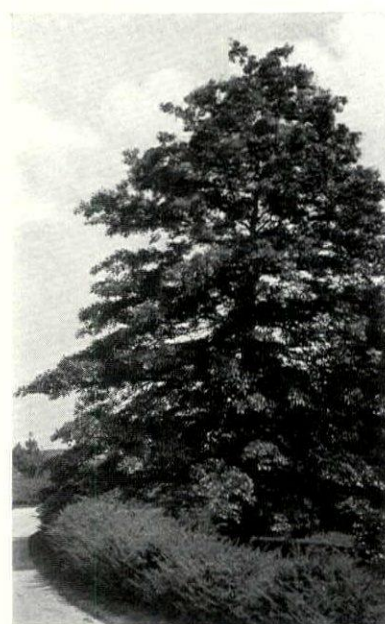
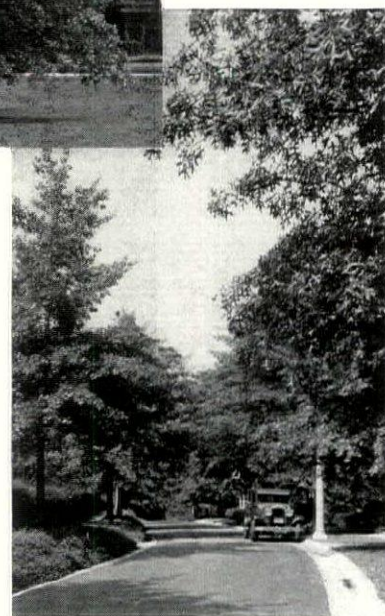


AMERICAN flower lovers, as a class, are far behind the English in their utilization of the all but endless opportunities for year-round gardening which are inherent in even a little greenhouse. It is time we awoke to the facts and realized that one does not need to be either a millionaire or a horticultural expert to find the greenhouse an immensely worth-while investment, that pays handsomely in satisfaction

WITH a modern greenhouse you can carry on plant hobbies which otherwise would be quite out of the question. Begonias, for example, can be grown perfectly and in wide variety, as illustrated opposite. Equally possible are the propagation and growing of choice rock garden plants in pots, and many tropical species. Photographs in the Long Island greenhouses of Mrs. Roswell Eldridge, James Esson, gardener



J. HORACE MCFARLAND



Pin Oaks along the wayside

By George A. Stevens

SOME ten or eleven years ago I came to live upon a narrow, curving thoroughfare one block long, in a pleasant Pennsylvania city. The street was paved, but relatively new, and a short time previously both sides had been planted with young Pin Oaks. They were forlorn little wisps of trees about eight feet high, and to me it seemed oddly optimistic to expect them ever to amount to much, for I shared the common delusion that Oaks were slow, deliberate trees which required generations to grow up. Ten years later I have changed my mind decidedly.

Year by year the slender trunks have stiffened, and the ragged, inadequate little heads have broadened their spread and taken on character, until now a really delightful avenue of twenty-foot trees, somewhat humorously stately for its brevity, has come to justify the wisdom of the planters. I doubt if any other tree worthy of the place would have made a speedier growth, or produced a more satisfactory result; certainly the Ginkgos adorning a neighboring street, which were set out at the same time, have not yet attained anything like the finished, permanent appearance of the Pin Oaks.

With the passing of the years I have come to love this double row of trees. They are so perky and self-confident! They have endured so bravely a soil of mean shale on the driest slope in the county. They have so valiantly resisted the thoughtless whacks of passing schoolboys, and have repelled the bark-smashing bumpers of foolish motorists who try to turn in our narrow street.

They have ranged themselves into a pleasing uniformity, without becoming alike. They have retained characteristic peculiarities of shape and color, and each individual has affected a special twirl to the little cocky feather that adorns its tip.

In the autumn the leaves turn different shades of bronzy red—only just a little different—enough to provide a whole gamut of reds from tints of soft gray-rose to patient violet and soft mahogany shades, all dusted over with misty silver on the gray days, and gleaming with the fiery brilliance of bright copper and burnished bronze in the slanting autumn sunlight. To demonstrate this individual independence, one of them remained a cold, hard summer-green for many weeks one fall, after the others had flashed their red and sobered into brown; and then quite suddenly turned scarlet as a Gum Tree overnight. As I drove into the street evening after evening, there it stood defiant in green, then impudently red and rebellious. What idiosyncrasy induced the erratic performance is more than I can tell.

But what is a Pin Oak, anyway? In *The Manual of the Trees of North America* Dr. Sargent tells us that it is *Quercus palustris* Muench, that it belongs to the section of the Black Oaks, and that it is sometimes called the Swamp Spanish Oak. The most interesting bit of botanical information is that it takes two (*Continued on page 72*)

ALL of the Oaks have the great merit of strength and longevity; some of them are notably pleasing in appearance, as well. Of these the Pin Oak is in a class by itself, a well formed, interesting tree with an air of alertness about it which makes it especially desirable for use in prominent positions



MATTIE EDWARDS HEWITT

Spring comes to a New York City garden

MRS. EUSTACE SELIGMAN'S garden, in Cherry blossom time, is further brightened with the bloom of Tulips, Forsythia and Daffodils. There are really three gardens connected with each other by little wooden gates. Against the brick wall of the house is a stucco background for the small fountain. Wrought iron furniture, with oak topped table, is used for meals. William Lawrence Bottomley, architect; Margaret Bailie, landscape architect



JANUARY GARDENING ACTIVITIES

THE necessary feeding of house plants during the winter is most readily done with the various manufactured fertilizers or stimulants which are generally characterized as "chemical." These preparations are quick-acting, simple to apply and with little or no unpleasant odor or messiness of any sort. There is just one way to determine the frequency of their use, and that is the plants' condition.

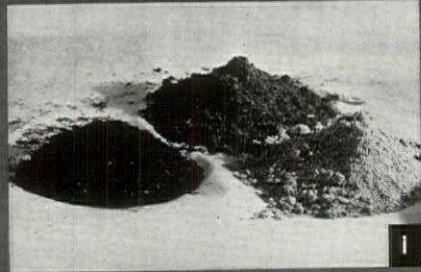
PLANTS which are being carried through the winter in shaded coldframes, especially those which retain some or all of their upper growth, are benefited by an occasional breath of fresh air on warmish days. Do not expose them to direct sunlight; merely raise the ends of the sashes to change the air. If the inside soil is not frozen, water moderately a couple of times during the winter.

POTTED house plants, and those in the regular greenhouse as well, are benefited by having the surface of the soil around them stirred occasionally with a cultivating "claw." Roots need air as well as food and moisture, and since frequent watering tends to pack down the soil and interfere with aeration, something must be done to counteract its ill effects. Do this cultivating about once a week.

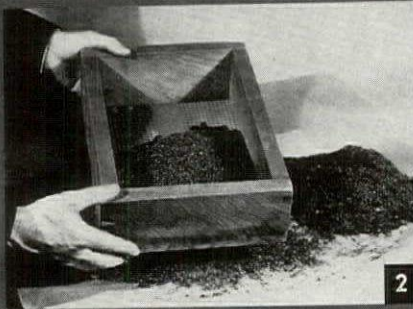
OUTDOOR plant work is pretty much at a standstill during January, except for tree pruning and spraying. Both of these are dormant season activities, because the sap is down and there is no tender young growth to be injured. All kinds of scale insects are controlled now by spraying with a strong lime-sulphur mixture. This is especially important on Apple and some other fruit trees.

THIS month sees the arrival of the new seed catalogues, and to judge by the advance information they will contain their full quota of novelties. It will be especially worthwhile to study them carefully, for horticulture is making steady progress these days and a good many leading varieties of a few years ago are being supplanted by definitely finer ones. Good gardeners keep posted on these.

WINTER damage to plants by various rodents falls into three general classes: eating of twigs and bark above the snow-line, for which the best preventive is wire or tarred paper guards; similar damage to parts covered by too-close mulching, under cover of which fieldmice can gnaw unmolested; and the devouring of bulbs by mice in underground burrows, from which there is no sure protection.



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2



3



4



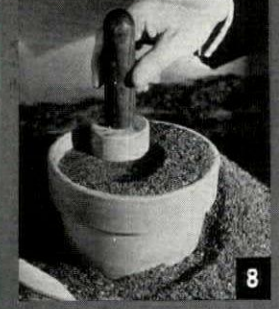
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6



7



8



9

Nine steps in correct seed sowing, as directed by Montague Free at the Brooklyn Botanic Garden. 1: Loam, sand and leafmold, the chief soil constituents. 2: Mixing and sifting the ingredients through a wire sieve, to remove lumps, pebbles, etc. 3: Mixing the three piles thoroughly, an especially important step. 4: The seed pot, with bit of broken

crook over the hole to prevent clogging. 5: Cinders, broken crocks or oyster shells in pot, assuring drainage. 6: Sphagnum over the drainage material. 7: After the pot has been loosely filled, the surplus soil is scraped off level with top. 8: A small tamp is used to firm down the soil and level it before sowing. 9: How an expert sows seed—direct from the envelope.

Which of the 21 soups is missing from this picture?

Confidential: It's missing* because the family is enjoying it today!



ASPARAGUS

Purée of luscious asparagus, strictly vegetable. Makes delightful cream of Asparagus.

BEAN

Substantial, old-fashioned Bean soup—purée style.

BEEF

A thick, hunger-satisfying soup containing hearty diced meat, vegetables and barley.

BOUILLON

A clear soup, made from choice beef, blended with herbs, vegetables and aromatic spices. Invigorating!

CELERY

Made from the choicest quality celery. Strictly vegetable. Delicious as a Cream of Celery.

CHICKEN

Not just a broth—it's the real Chicken Soup with tender pieces of chicken meat and rice.

CHICKEN-GUMBO

A famous Southern Creole chicken and vegetable style soup—flavored with okra and tomato. Unusual!

CLAM CHOWDER

All the broth and meat of juicy clams—flavored with tomatoes—and garnished with potatoes and onions.

CONSOMME

The formal soup. Beautifully clear. A rich beef broth, lightly seasoned—and delicately flavored with vegetables.

MOCK TURTLE

Beef broth, tomatoes, celery, herbs, toothsome pieces of meat, richly blended with sherry.

MULLIGATAWNY

An unusual Oriental style chicken soup. Laden with flavorful vegetables, herbs and seasoning.

MUSHROOM (Cream of)

A purée made from choicest cultivated, whole, fresh mushrooms blended with fresh, double-thick cream—liberally garnished with mushrooms.

MUTTON

Mutton broth garnished with fresh mutton, barley and vegetables—splendid for children and invalids.

NOODLE with chicken

A full-bodied chicken broth containing hearty egg noodles and delicious pieces of tender chicken meat.

OX TAIL

Vegetables, barley and sliced ox tail joints in an Old English style ox tail broth—with sherry.

PEA

Purée of delicious, nourishing peas. Strictly vegetable. Even more nourishing served as Cream of Pea.

PEPPER POT

The real famous "Philadelphia Pepper Pot" with macaroni dumplings, potatoes, spicy seasoning and meat.

PRINTANIER

Exquisitely blended chicken and beef consommé with vegetables in fancy shapes.

TOMATO

Pure tomato juices and luscious tomato "meat" in a sparkling purée enriched with finest creamery butter. Strictly vegetable. Serve it too as Cream of Tomato.

VEGETABLE

It's a meal in itself. 15 fine garden vegetables cooked in rich beef broth. A family favorite.

VEGETABLE-BEEF

Real old-fashioned Vegetable Soup—rich beef broth, thick with vegetables and substantial pieces of meat.

A helpful hint

* The missing soup is one of the 21 described above. It's so popular that it has a way of disappearing promptly from the home shelf. A tremendous favorite—A soup you've liked at some time.

I'm a plain boiler

(CONTINUED FROM PAGE 33)

MUSETTE • THE PIANO OF TOMORROW



Though The MUSETTE is only 23" deep and 57" wide—taking up less floor space than a 2' x 5' rug—it has a standard 88-note keyboard. Above you see the graceful SHERATON model in Walnut. Also available in Mahogany.



LOUIS XV MUSETTE. A charming Period design executed in Walnut.

Piano Styles are Changing thanks to the Smart New MUSETTE



COLONIAL MUSETTE, in Mahogany, only \$295 f.o.b. New York. Also available in Walnut and Maple.



FEDERAL MUSETTE, shown in Ebony and Gold. Also made in Mahogany.

Today, in the leading stores ... and in the smartest homes ... you will find a piano which is so distinctive, so beautiful, so completely new in appearance and performance and so reasonable in price that it is the cynosure of all eyes.

Small, compact and finely proportioned. The MUSETTE embodies a new and improved method of sounding board construction and suspension (patents pending) which gives this big-little piano a tone of surprising purity, richness and power.

Available, as you will see by the illustrations, in charming modern adaptations of authentic Period styles ... and different woods. Custom made Period Models to match any decorative style, are built to order.

put the yolks of 2 raw eggs in a bowl with a pinch of salt, $\frac{3}{4}$ teaspoon of dry mustard and a dash of pepper. Stir well and gradually add 1 teaspoon of cider-vinegar. Stir this into the hot cream and continue to cook slowly until thick. Serve at once.

POT-AU-FEU. Peel 6 carrots and 4 turnips. Peel 1 onion and stick 2 cloves in it. Cut the green part off of 4 leeks, split them down the middle and wash well. Make a bouquet garni of parsley, half a bay leaf and a tiny pinch of thyme. Put 3 pounds of brisket of beef in a big pot and cover with 3 pints of cold water. Heat to boiling point, skim carefully and add another cup of cold water. Heat again to boiling point and skim carefully, once more. Then add the vegetables, the bouquet, a large marrow bone and a little rock salt. Simmer gently, partially covered for six or seven hours. When cooled, pour off the juice and strain through a cheesecloth. Re-heat, season to taste and serve in a soup tureen, accompanied by a plate of toast made from French bread, cut thin, toasted on both sides and buttered lightly.

The meat is then served on a hot platter, carved and garnished with the vegetables and sprinkled with rock table salt, accompanied by a pot of mustard and any other relish you happen to like. As usual, boiled potatoes may be served with this.

BOILED LEG OF LAMB WITH CAPER SAUCE. With a sharp knife trim a leg of lamb weighing six or seven pounds, carefully removing all the dry skin. Wrap it carefully and tightly in a piece of clean linen, and sew it securely. Then peel 12 little white onions, 12 medium sized carrots and 12 tender small white turnips. Leave them all whole. Heat some water in a tea kettle. Place the leg of lamb, surrounded by the vegetables, in a flat white enamel oblong pan, if possible, which has a cover. A refrigerator vegetable container is just the thing if it is big enough. When the water boils, pour just enough of it barely to cover the lamb. Place on fire and let it come to a boil, then skim carefully, cover and simmer for about two hours. Salt to taste an hour before it is cooked. When done, make the sauce by melting 3 tablespoons of butter and cooking in it without browning, for a minute or two, the same quantity of flour—then, add gradually, three cups of the hot lamb broth, carefully strained. Then, when smooth, add a large bottle of capers and half of the liquid from the capers. Taste and season again with salt.

Now remove the cloth from the lamb and place it on a large platter. Carve and place the boiled vegetables attractively around the edge—garnish with parsley. Serve the sauce separately in a large gravy-boat, but just before serving it stir in a lump of butter the size of an egg. Serve with the lamb, a bowl of plain boiled potatoes which have been peeled and cooked separately, well drained, sprinkled with salt and placed in the oven for a minute or two to dry out.

Another way of serving the same dish is to use the broth as a soup for the meal, serving the following caper sauce instead of the thick one. Clarify a cup

of butter and add to it 2 tablespoons of capers and 2 teaspoons of vinegar. Stir over the fire for a minute or two—then serve.

NEW ENGLAND FISH CHOWDER (for eight). Cut 2 ounces of salt pork in little squares. Peel 8 onions and slice very fine. Put a little butter in a pan and try out the salt pork until tender but not very brown. Peel and parboil about 8 potatoes. Slice them and put a layer in an enamel pot which has had the bottom buttered. Then add a little of the salt pork, some of the onions and a layer of fresh haddock or cod, cut in $\frac{1}{2}$ -inch slices, the skin and bones removed. Sprinkle with salt and freshly ground black pepper, then repeat the process using in all about 4 pounds of fish and all the potatoes. Pour over this $2\frac{1}{2}$ cups of cold water. Cover closely, bring to a boil and then simmer gently three-quarters of an hour, or until the fish is quite opaque and tender. Now heat in a double boiler a pint of thin cream. Pour over the fish, taste and add more salt if necessary. Tie a napkin around the pot. Serve the chowder in soup plates accompanied by toasted pilot wafers.

COLD BOILED BACON FOR BREAKFAST. Please don't shudder. It's really quite good. Take a piece of Yorkshire bacon weighing about two pounds. It should be well streaked with lean. Put it into cold water and boil briskly for an hour and a half. Drain well and tear off the rind, which should come off easily. In the meantime, dry some bread in the oven until crisp and brown, and well toasted. Roll out to make fine crumbs and sift. Dust the entire piece of bacon with these crumbs. Serve cold, sliced very thin, with a pot of English Mustard—for breakfast!

HOT BOILED LOBSTER (for eight). There is probably nothing much better in the world than just plain hot boiled lobster with melted butter. It retains all its juice if opened and eaten immediately. Male lobsters are considered best for boiling. A small heavy lobster for each person is ideal but larger ones split in two will do for two people. Be sure they are alive and kicking when you plunge them into the actively boiling court bouillon consisting of water, a tablespoon of salt, a tablespoon of vinegar, 3 sliced onions, 2 carrots, a bouquet garni and 12 peppercorns. Cover the kettle and keep it boiling for twenty minutes. Remove lobsters from water and place on a chopping board. Chop off the claws and split the lobsters lengthwise with a sharp heavy knife. Remove the intestines and stomach. Place bodies on hot platter surrounded by the claws and send to table at once with a nut cracker for each person. Clarify $\frac{1}{2}$ pound of butter, add a few drops of lemon juice to it and serve hot with the lobster. Also serve hot popovers with them if possible. The claws are cracked by each person individually and held right side up so that the juice may be drunk from them. Be sure to have a good supply of finger bowls ready with a bit of rose geranium and lemon in each one as this is a very messy dish—but oh, so good.

(Continued on page 74)



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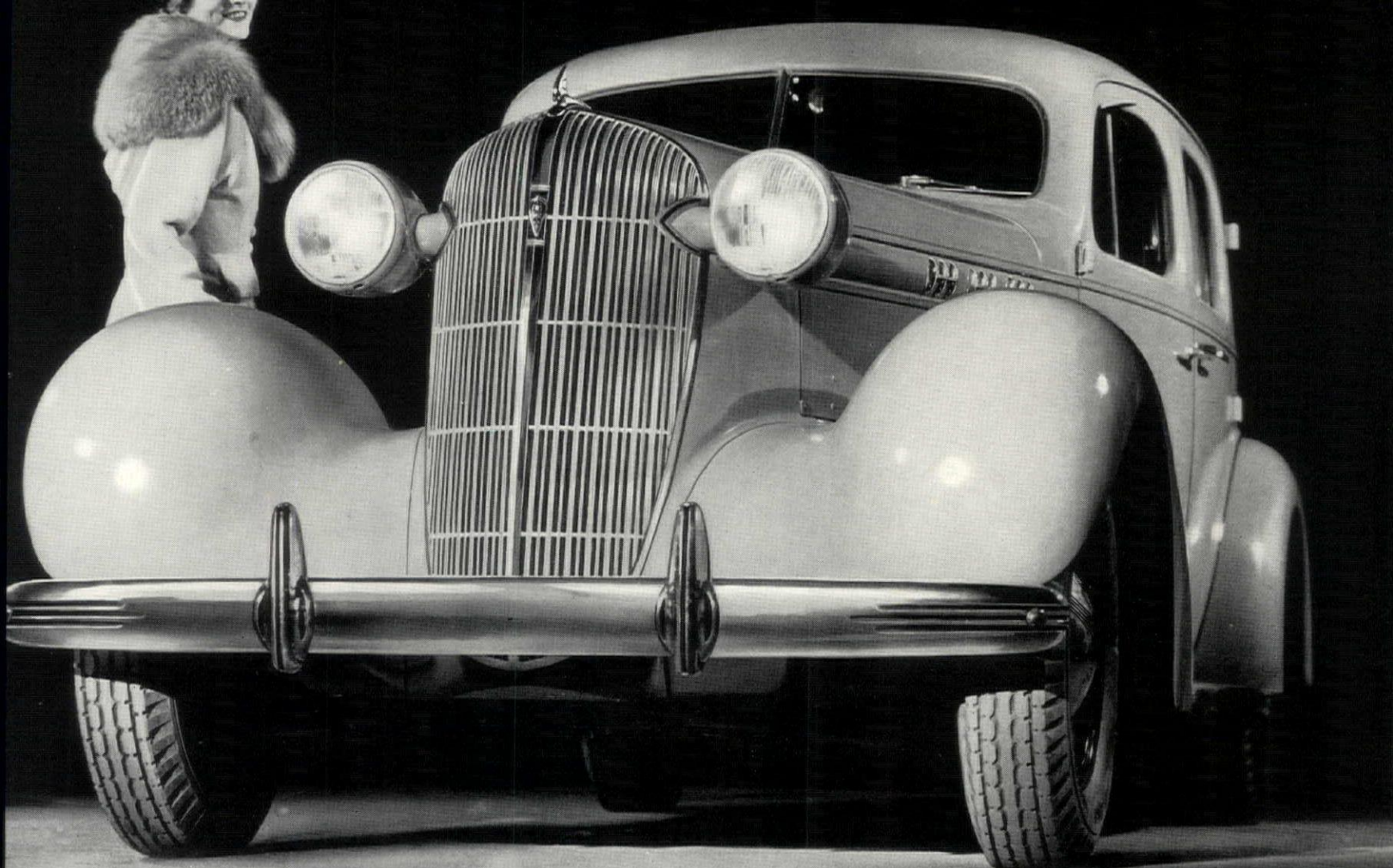
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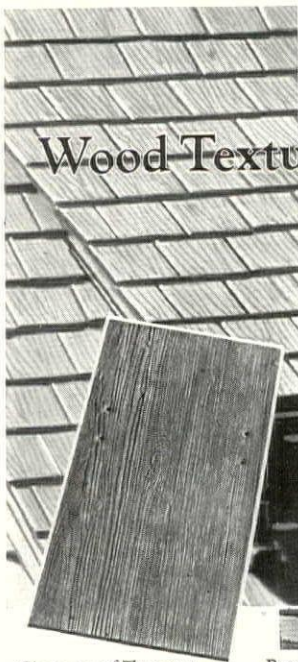


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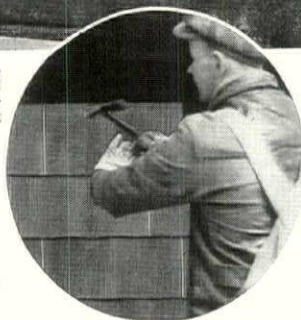
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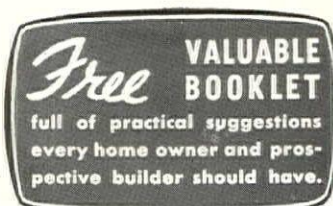
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irreducible minimums for correct service. In the minimum wardrobe we allow for substitution of china, wood, and glass for tea, salad, and drinks requiring long spoons. These can be replaced, whenever possible, by the proper silver pieces. Many useful articles such as the small sized tea knife and fork or the English teaspoon are left for later purchases, although the variety of their use for suppers and breakfast as well as for tea makes them highly desirable and has increased their popularity.

Salad forks also fall into this category and it is interesting to note that the fairly wide-spread use of the salad knife is another borrowed British custom. Melon forks with a cutting edge are pleasant and useful things to have, but are more generally found on the Continent than in America.

The important thing is to have the proper pieces for the more usual forms of entertaining—fish knives for fruit, knives with stainless steel blades for meats, and forks and spoons for convenience in serving dishes. Three sizes of forks and three sizes of knives represent a minimum of good service. It is not essential on one's first anniversary to have all these in silver, however, by one's fifth, these should most certainly be a part of one's wardrobe.

The time to buy the extra dozens required for entertaining larger numbers and to round out the completeness of service details are the years between the fifteenth and the twenty-fifth anniversaries. It is wise then to buy an additional pattern in table silver. If yours is fairly ornate, you need a simpler pattern; if yours is simple you need one a trifle handsomer; or you may wish to add some modern designs that harmonize with your more traditional patterns. Often at this time you have the opportunity of picking up some rare Hallmarked pieces or you feel the urge to collect some of the most beautiful of the contemporary designs.

We cannot stress too strongly the

accessory service pieces in one's silver wardrobe, such as those listed under "incidentals". Here, as with flatware, convenience and smooth serving depend upon the proper number of these items. In the maximum, one needs six sauce ladles of various sizes, four sauce boats, four vegetable dishes, and at least four platters. Too often a lack of these necessary items calls for unwarranted juggling in the pantry and improper service. The proper sized carvers for fish, game, and meat, grape and game scissors, nut crackers and nut picks, sugar and ice tongs, at least six serving spoons and forks of matching sizes, are a necessity if one is entertaining twelve people.

The larger silver pieces, termed "hollow ware" by the jewelers, permit a little more individual choice and flexibility than the flatware, yet here again there is a minimum requirement for indispensable pieces. A silver after-dinner coffee service with the smaller sugar bowl and cream pitcher and a matching tray is indispensable. One may wait to get the tea service with its larger cream pitcher and sugar bowl, its waste bowl and its urn, but the silver water pitcher, several silver bowls and smaller trays, a silver vegetable dish with double section and four matching silver dishes for bonbons must be obtained at the earliest possible moment. Equally desirable are the candelabra as well as the important decorative pieces such as epergnes and covered urns, which should be purchased at any convenient time, although they may wait until the later years. One must always be on the alert for styles in smaller items such as cigarette service, ash trays, caviar or hors d'œuvre dish, and cocktail shakers, which are constantly demanded by changing fashions in the table service.

House & Garden wants its readers to realize that this chart is simply a suggestion to help them acquire the proper pieces of silverware over a period of years. If in your case it is possible to shorten this program, it is wiser to do so.

Concerning garden renovation

It has been said on a good many occasions that a garden is never finished; that there are always more plants to be put in, changes of this or that sort to be made in the interest of greater charm.

At no time is the truth of this saying more evident than after a difficult period like that of the last half-dozen years. Most of us have felt that real renovation of our gardens must await the return of better times; some of us feel that we have been lucky to be able to keep any garden at all, even a sadly obsolete one. But now that the tide has turned it is well to take stock and see what can be done about bringing our plantings up to date.

Once we get at it, we may be surprised to find how little it costs to do a really worthwhile job of renovation. Labor costs are still low, the prices of new and improved plants are moderate, materials for soil improvement and enrichment will make but reasonable demands on the bank account. A

whole fresh effect awaits the application of a little planning and action. Especially when you realize that its satisfactions will last for years, the garden renovated in 1936 will be a very good investment indeed.

January is none too early in the year to begin thinking definitely along these lines. Whatever you do, let it be well considered; change just for the sake of change is likely to prove a somewhat disappointing venture. Figure things out on paper, and if they involve changes in the actual plan or location of the garden, check them up on the ground the first day that the weather permits. If you are in doubt about certain points, look them up in the standard gardening books of which we in this country now have an excellent list. Should you decide upon really extensive changes, you will probably be wise in calling in a competent landscape architect who is equipped by training and practical experience to achieve maximum garden charm.

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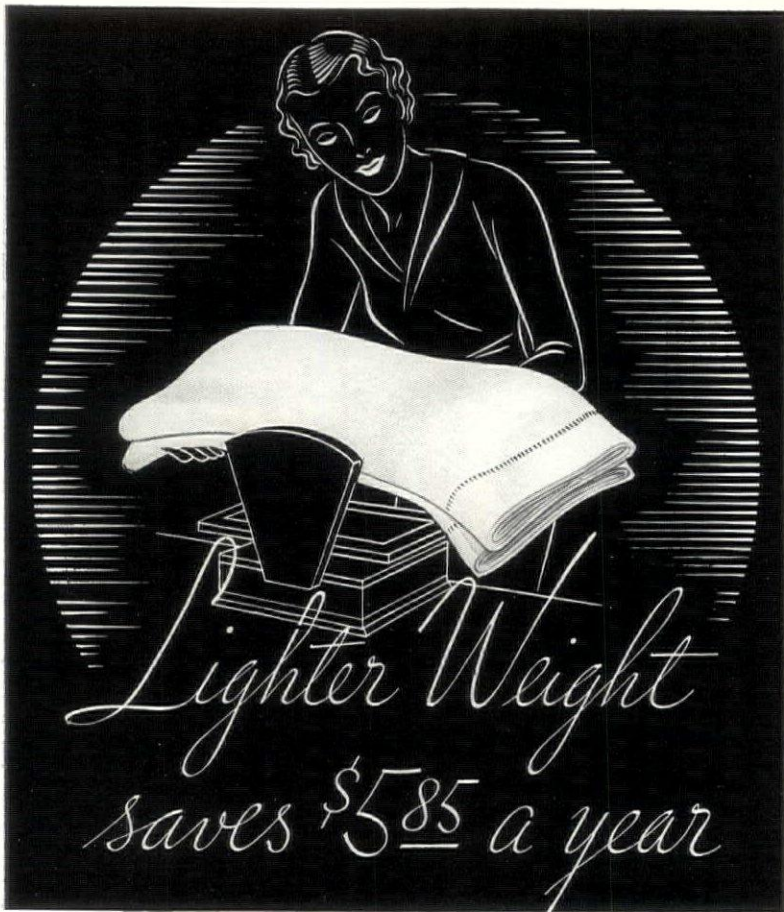


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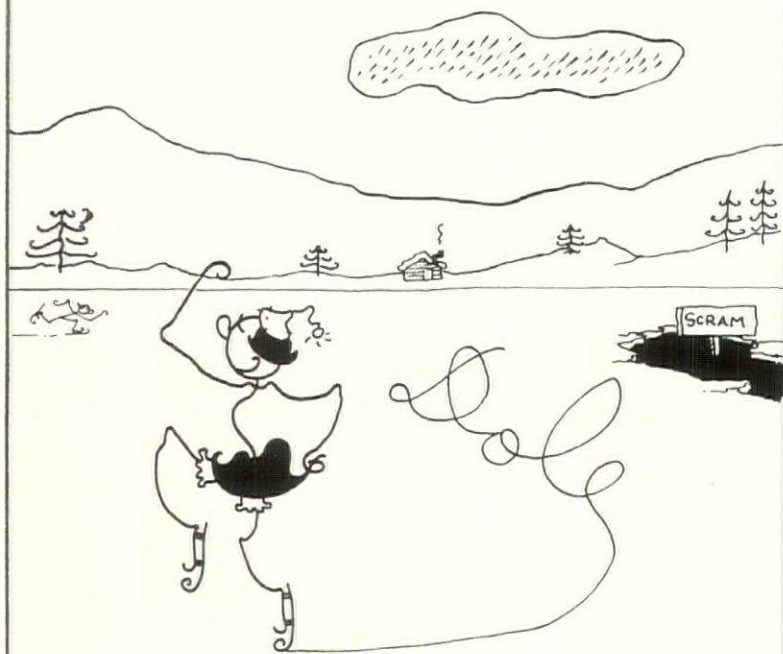
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NORMAN Z. McLEOD

Plant facts for gardeners in the Mid-South

(CONTINUED FROM PAGE 42)

fully refreshing on hot summer nights.

8. Roses should be pruned and given a dormant spray when the buds begin to swell. In the North this happens in March; in the South in February. They should be sprayed with a fungicide when the flower buds appear, and again when the buds show color. I don't know why the Radiance Roses are so looked down upon by connoisseurs. They are certainly the best group for the South. In addition to the Pink Radiance and the Red Radiance there is the exquisite Mrs. Charles Bell, and the brilliant American Flower Guild. The last has a slender bud than most of its group, and the shade of the American Beauty, with the same unfortunate habit of fading to a washed-out magenta. Those Southerners who are above growing these easy and satisfactory varieties will find that the Duchesse de Brabant, Killarney Queen, the Duchess of Wellington, Kardinal Piffl and Antoine Rivoire will do well for them.

9. Although the Winter Jasmine (*Jasminum nudiflorum*) is the only one commonly planted, there are several other species available. The Winter Jasmine is hardy to New York. It blooms off and on all Winter, and profusely in the Spring. The drooping green branches give it the effect of an evergreen during the Winter. It will grow anywhere, in sun or shade, and in any soil. It is especially good to plant where the soil washes, because the tips of the branches take root wherever they touch the ground. *Jasminum primulinum*, blooming in May, is evergreen in the far South. *Jasminum floridum*, hardy to Maryland, blooms in the Summer.

10. German Iris are particularly adapted to planting in the South because the hot dry Summers are needed to ripen the rhizomes. Some of the tenderer varieties, such as *Purissima*, cannot be grown in the North. Since German Iris should not be watered during the Summer, and since they like lime, it is best to keep them out of the perennial border, and give them a place to themselves. Drought-resistant annuals that are not tall enough or heavy enough to shade the rhizomes may be planted between them for Summer bloom. Portulaca, California Poppies or Nemophila will do very well. Immediately after the blooming period is considered the time to divide Iris. However, in this climate, where it is apt to be dry at that time, the months of July, August or September are safer. Those set out in July and August will make the best bloom the following year.

11. Northern gardeners will tell you that Peonies should be set out on September the fifteenth; not the fourteenth, not the sixteenth—the fifteenth. One even goes so far as to say that Peonies should be set out at nine o'clock on September the fifteenth. Since Peonies must be taken up only when they are dormant, the best time for the South is the middle of October. They should not be allowed to bloom the first year after they have been divided. Late varieties will not thrive in the South. One

of the best for this climate is *Edulis Superba*. Others that will do well are: *Festiva Maxima*, Felix Crousse, Baroness Shroeder, M. Jules Elie, Mikado, Louis Van Houtte. They should be protected from the hot afternoon sun.

12. The most important factor in gardening in the South is the length of the blooming season. We cannot have the burst of bloom that is possible in cold climates where everything comes out all at once. But we can have flowers nearly every month in the year. Usually there is one month when the gardens are bare. Some years it is November, and some years it is January. We should make the most of this long season by using late-blooming varieties of Fall flowers, and early-blooming varieties of Spring flowers. If the seeds of *Crotalaria spectabilis* are sown in June the magnificent yellow spikes will begin to bloom the first of October, and will last until late in November unless there is an early frost. The little unidentified early trumpet Narcissus that can be bought so cheaply by the bushel will bloom long before the larger later varieties.

13. The Ginger Lily (*Hedychium coronarium*), an herbaceous perennial from tropical Asia, is hardy in Virginia. It is a valuable plant for the borders in late Summer and Fall, blooming from the middle of August until frost. The delicate, very fragrant white flowers are borne in terminal spikes. The plant is rather like a cornstalk in appearance, and the heavy tropical foliage makes a strong accent. The roots are fleshy. The Ginger Lily, or Butterfly Lily as it is sometimes called, requires a rich soil and plenty of water before blooming.

14. Cassias are invaluable for the Mid-South because they withstand the Summer drought, and bloom gayly in September and October. The yellow pea-shaped flowers and pale green leaves are as fresh as Spring flowers no matter how shriveled everything else in the garden is. *Cassia marilandica* grows to three or four feet. *Cassia corymbosa* is taller. Both may be used in a wide perennial border, or in the shrubbery. Orange Marigolds and white Zinnias planted late in June will bloom in time to make a charming foreground for them.

15. I have heard various and conflicting reports as to the success of the Chinese Elm in the South; that it is a very desirable tree and has all of the virtues claimed for it as to rapid growth and resistance to disease; that it is not at all attractive, and is so riddled by beetles and infested with disease that it has to be cut down. Of the specimens I have seen, some are fairly healthy looking, but the foliage is rather thin; others are actually diseased. With so many disease-proof trees available, such as the Ginkgo, the Mimosa or the native Elm, all quick-growing and very attractive, I can see no need to experiment with the Chinese Elm, unless it proves to be of exceptional value.

16. In the Mid-South, where one may
(Continued on page 70)



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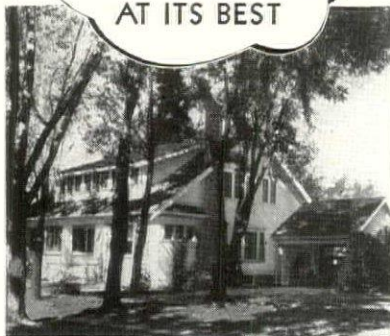
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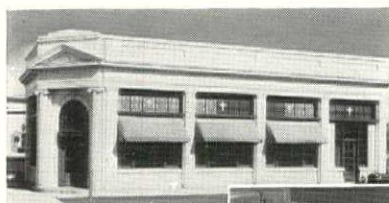
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Plant facts for gardeners in the mid-South

(CONTINUED FROM PAGE 68)

sit out of doors on mild days in winter, more use should be made of foliage plants. There are interesting contrasts in the fine dark texture of the conifers, the shining leaves of the broad-leaved evergreens, and the grays and gray-greens of Lavender, Santolina and Rosemary. Beds edged with perennial Candytuft have neat borders that are green all winter, and burst into bloom on the first Spring days. Ivy is especially attractive in winter. It is interesting to plant several kinds for the variety in their leaf patterns.

17. It is unfortunate that the most commonly planted Summer-blooming shrub in the South should be seen most frequently in the hottest shades of magenta. Sometimes very old Crape-myrtles are found in a soft shade of mauve that is lovely with the gray branches. Very old ones have thin foliage and beautiful bark. The salmon shades of Crape-myrtle are endurable if too many are not seen at once, but the white is safest. They must be planted in full sun if they are to bloom, and they need plenty of room to develop to their natural size and form.

18. The Banksia Rose, an evergreen climber used a great deal in the far South, and hardier than is usually supposed, will grow luxuriantly in North Carolina. It drops its leaves there, and is sometimes killed back in severe weather, but it will come out again. The flowers are small yellow rosettes borne in clusters in April. Coming at the same time as most of the Azaleas, their pale yellow is very desirable. *Rosa wichuriana*, the Memorial Rose, is entirely evergreen. It has small, single, creamy-white flowers in June. The foliage is very fine and glossy.

19. Languid southerners should fill their gardens with bulbs. All Daffodils do well here, and there is an endless variety of tender bulbs that will thrive where the Winters are not too severe.

ly planting the earliest varieties of Snowdrops and Crocuses, and by making use of the many half-hardy fall-blooming bulbs, such as the British Soldiers (*Nerine sarniensis*), a garden can have bloom from bulbs almost continuously from January until Thanksgiving. The various Crinum bloom at different times from May until frost. There are many delightful Summer-blooming Alliums, and another member of the onion family, *Triteleia uniflora*, blooms early in the Spring.

20. Among the evergreen plants hardy in the Mid-South are a number of useful vines. The common Honeysuckle is evergreen here, but is also a strong grower, and must not be used except in neglected corners. The yellow Jessamine (*Gelsemium sempervirens*) is native, and may be gotten from the woods. It should be moved when it is in bloom, which is lucky, because it is inconspicuous enough when the fragrant deep yellow flowers have faded. The Southern Smilax (*S. laurifolia*), also native, has black berries. *Elaeagnus pungens reflexa* may also be used as a vine, and is more attractive when it is climbing a tree than when it is used as a shrub. All evergreen vines will hold foliage better if fertilized.

21. In planning groups of plants to bloom together in the South, it must be remembered that our blooming dates are entirely different from those in the North. Combinations worked out for the North can seldom be used here. As a rule the Northern dates can be moved up a month for us, but that is not always so. In House and Garden's Gardening Guide (November 1930) Mr. Rockwell gives April and May as the blooming season for *Doronicum*. In my garden it blooms in March and April, but is at its best in March. The Iceland Poppy, which he puts down as blooming from May to October, blooms here in the early Spring, and dries up when the first hot weather comes.

Editor's Note: This is the first of several articles prepared especially for gardeners in different sections of the South, and planned to present a wide variety of practical information. It is our intention to cover not only the plant material actually belonging in gardens proper, but also to touch upon trees and shrubs which are considered more from the landscape standpoint. These articles will appear during the coming year.

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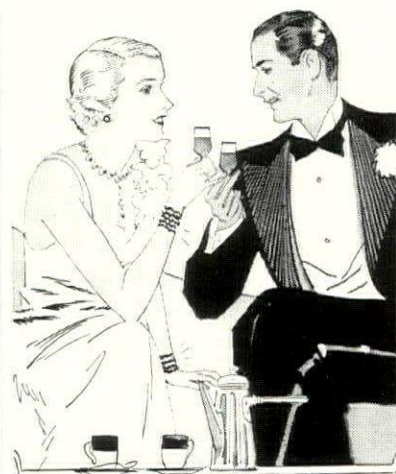


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SUTTON'S SEEDS
ENGLAND'S BEST

Pin Oaks along the wayside

(CONTINUED FROM PAGE 60)

years to ripen its acorns, a fact that may partly account for their scarcity. It grows naturally, according to the book, on the "borders of swamps and river bottoms in deep, moist, rich soil; from the valley of the Connecticut River in western Massachusetts to southern Missouri and southward to the valley of the lower Potomac River, Virginia, central Kentucky, southwestern Tennessee, northern Arkansas and the eastern borders of the Indian Territory." It is said to be "rare and of small size in New England; exceedingly common on the coast plain south of the Hudson River; of its largest size and very abundant on the bottom-lands of the streams of the lower Ohio basin."

There, I presume, it reaches the not overpowering height of 70' to 80', which seems to be its ambition in the open, but we are also told that in forests where the trees stand close together it may struggle up to 120'. I do not know, though I have been conscious of Pin Oak, as a name, all my life.

Considering that Pin Oaks frequent the river bottoms and the banks of swamps in their natural state, it is remarkable that they thrive so well away from such constant moisture. Certainly the trees on our street do not have access to any such reservoirs of water, although there must be much underground drainage seeping down the slope beneath the surface most of the year.

There seems to be a general belief that all Oaks are so slow growing that it does not pay the current generation to plant them. Oaks do live long, and it takes them the better part of a century to achieve their full maturity; but for many years before that they are big enough to be enjoyed, and that stage is reached by Pin Oaks as early as any other tree worth growing.

A little observation has taught me that after being transplanted, the Pin Oak may stand still a year or more, making little or no growth above ground, but almost any tree is likely to do the same. During that time there must be immense activity beneath the surface. The tree is digging in, it would seem; multiplying its feeding roots and sending its foragers deep into the soil to insure it against wind and drought. When these preparations are completed, the top begins to burgeon, and it grows steadily ahead with an ever accelerating pace. Five years later, if the young tree was properly planted, it assumes the beauty and dignity of much older trees of less desirable type.

To my eye the Pin Oak seems to be a feminine tree; perhaps I should say youthful, instead. By that I mean that it is distinguished by graciousness and charm from the other members of a tree family whose name has been the synonym of strength and ruggedness practically since the beginning of language.

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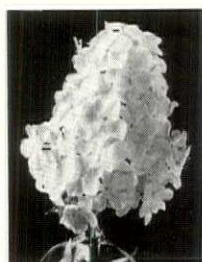
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Rock garden evergreens

(CONTINUED FROM PAGE 39)

sheltering against it. Imagination of course must be brought into play, and observation of the ways trees grow in Nature. At the turn of a path reason will appear to be furnished for the detour if a broad-based conical tree is properly placed. When groups of trees are used they should be of one kind, not assorted. Low down along the paths and fringing the pools tangles of small broad-leaved evergreens—Azaleas, Rhododendrons, Heaths, Vacciniums—may be used with realistic effect.

In the interest of maintaining the integrity and dignity of the small conifers it should be insisted that they be given free space, that their lowest branches sweep the ground in full view of the beholder, and that no great gawk of a wild Geranium or towering Columbine detracts from their seeming height. On the other hand creeping plants—Aubrietias, Thymes, Androsaces, Veronicas—may swirl about them, and tiny bulbous things, small Daffodils, wild Crocuses, Puschkinias, Hyacinthuses, the smaller Scillas and Snowdrops may shelter in their kindly lee. The little evergreens furnish a delightful background for the bright flowers of the rock garden and stand at all seasons green and quiet in a world of constantly shifting values.

BEFORE BUYING DWARFS

Before purchasing dwarf conifers it is a good plan to see a collection in a nursery or botanic garden. In the lapse of years since their vogue as specimens many types have disappeared, but their names survive and often do duty in catalogs for quite other and often inferior kinds. Also botanists have made changes and what we once could buy as *Retinospora* we must now seek as *Chamaecyparis* or sometimes *Cupressus*, and so on. If we can see and study the merits of the various kinds it is a great help. At the Arnold Arboretum there is an especially comprehensive collection, and there they may be seen grown together on a sloping hillside but not in competition with arborescent types.

In any case, to find what you want will take some hunting—one nursery will have a few kinds, another a few more—but hunting is always good fun and we sometimes come upon what we seek when we least expect it. The kinds suitable for use in the rock garden will be drawn from various genera, from *Picea* (Spruce), from *Pinus* (Pine), from *Juniperus* (Juniper) or from *Thuja* (Arbor-vitæ), *Taxus* (Yew), or *Retinospora* or *Chamaecyparis*.

The Spruce in particular furnishes many interesting dwarf forms. They are commonly broadly conical in shape, stiff erect and well described by the word as we find it in the dictionary: neat in appearance, trim, smart. One of the most valuable and distinct is *Picea albertiana conica*. This delightful small tree is very slow in growth and never reaches any considerable height. It was found by J. G. Jack in Alberta, in 1904, and sent to the Arnold Arboretum. All the little *albertianas* now in existence are descendants of this original little tree. It was a great day when it was found.

Quite different in habit are *Picea excelsa Gregoriana* and *P. e. Max-*

welli. The first is a dwarf, broadly conical form with a close, dense habit. It seldom reaches a greater height than two feet. *Maxwelli* is no taller and just as dense and its habit of growth is curiously humped and contorted, so that it is invaluable for forest or thick-et effects where such are wanted. *P. e. pygmaea* is also very engaging and spreads broadly and densely. *P. excelsa Remonti* is of more open growth, broad at the base but pointed at the apex. This has grown in my garden for twelve years and has only accomplished a few inches in all that time, though it has grown more rotund. Of course the growth of the little trees is more or less retarded by the hungry soil conditions in the rock garden.

Of the Pines, that known as *Pinus Mughus* is the most useful but must be used with care as it broadens in time, though it starts life as a most alluring and squat little individual. There are not many Yews that are suitable for use in the main rock garden, for the broad types spread out too pervasively and the tall ones grow too tall. But either the English or the Japanese Yew (*Taxus*) is suitable in large rock gardens or used in the setting of smaller ones.

Very delightful are the various forms of the dwarf *Chamaecyparis*, sometimes found in catalogs under *Retinospora*. There is *obtusata pygmaea*, that makes a delightful flat-topped, irregular mass of fan-shaped branchlets. If you get the true form it is very slow growing. There is a "golden" form of this that is a quaint little conceit and carefully placed does not look too incongruous in the rock garden, though weeping and colored forms are not generally to be recommended. I have a *Chamaecyparis* that came to me as *obtusata gracilis* but I can find no authority for this name. *Gracilis* means graceful, and graceful my little tree is and very dwarf, with the same fan-shaped branchlets as the others and a most beautiful tone of green, winter and summer.

THE JUNIPERS

All the Junipers, it seems to me, are lovely, and there is much variation among them as to form and color, and what is important, they are easy to grow and usually like the rock garden. *J. communis* is the beautiful low shrub we find so frequently in New England pastures. It has many forms and while the large sizes are too expansive for any save spacious rock gardens there are lower and denser forms that are very easily placed. *J. communis nana* is almost prostrate, seldom more than a foot high, with the top somewhat concave in the characteristic *communis* habit. The tips of the branchlets appear to be tipped with silver. *J. communis compressa* never grows more than an inch a year and seldom that. This is sometimes known as *hibernica* and again as *suecica*. It is valuable for its narrow, close or fastigiate habit. The genuinely procumbent forms or varieties are *J. sabina* and *J. s. tamariscifolia*. *J. horizontalis Douglasi* (the Waukegan Juniper) is an especial beauty whose metallic-blue foliage turns a charming plum color in the winter. *J. sabina tamariscifolia*

(Continued on page 76)

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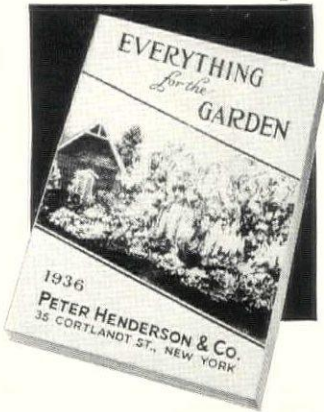
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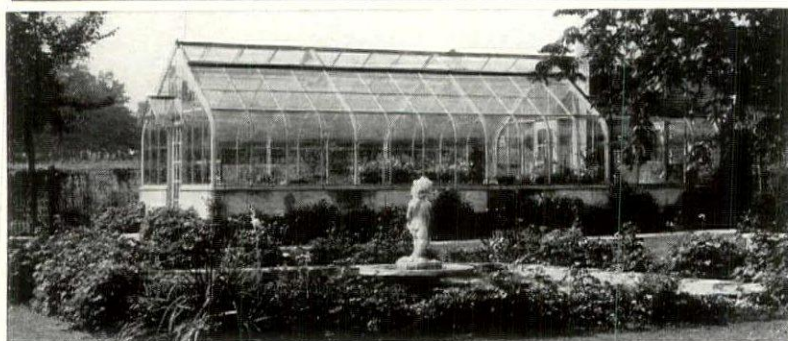
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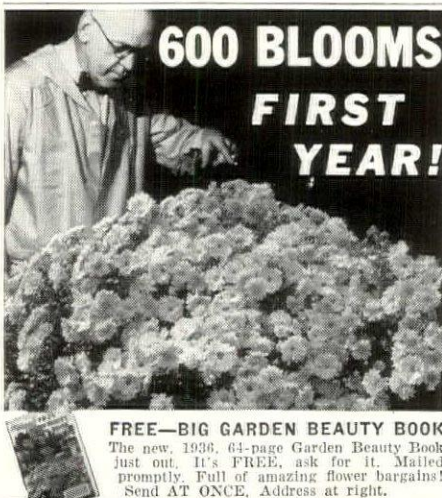
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I'm a plain boiler

(CONTINUED FROM PAGE 64)

POPOVERS. Sift together $1\frac{1}{4}$ cups of flour, 1 teaspoon of sugar, and $\frac{1}{4}$ teaspoon of salt. Beat 2 eggs well and add 1 cup of milk. Add gradually to the flour and beat very well. Have ready some well-greased, very hot, iron muffin pans. Fill them half full of the batter and place in a hot oven (450°) for twenty minutes. Reduce the heat then to 350° and bake fifteen to twenty minutes more.

BOILED FIG PUDDING. You will need for this a porcelain or aluminum pudding mould with a tight lid—2 quart size. First cut up in little pieces good flat figs until you have $\frac{1}{2}$ cup of them. Do the same with pitted dates until you have the same quantity. Grate the inside of a loaf of stale bread until you have $1\frac{1}{4}$ cups of crumbs. Chop some good sweet beef kidney suet until fine and crumbly. Sift a cup of flour with a cup of sugar, 3 level tablespoons of baking powder and $\frac{1}{4}$ teaspoon of salt, twice. Grate the rind of an orange and add to it the bread crumbs. Add the suet to the bread crumbs. Add the fruit and the sifted flour and sugar. Beat 2 whole eggs until light and add to them $\frac{1}{4}$ cup of milk, a teaspoon of vanilla and a teaspoon of cognac. Add this to the rest of the pudding and mix well. Pour into the well-buttered mould being sure to leave at least an inch of space for the pudding to rise. Put a piece of buttered, floured cloth over the top and clamp on the cover. Place the mould in a pan of boiling water so that it is a little more than half immersed. Boil four hours, adding more boiling water as needed. Serve with this sauce:

Put the whites of 2 eggs in a bowl. In another bowl put the yolks and in

a larger bowl put $\frac{3}{4}$ cup of cream. Measure out 3 tablespoons of powdered sugar. First beat the whites of the eggs until stiff, then with the same beater beat the cream until stiff—last of all the yolks. When they are creamy add the sugar and a tablespoon of cognac and beat again. Add the yolks to the whites and fold them in—then fold in the cream. Serve at once—with the pudding which has been turned out on a platter.

BOILED APPLE DUMPLINGS. Peel and core 6 small juicy apples. Make a biscuit dough by sifting 2 cups of flour with 1 teaspoon of salt and 4 teaspoons of baking powder. Work into this with the finger tips 3 good tablespoons of butter. Then moisten with about $\frac{3}{4}$ cup of milk, or until the right consistency to roll out. Prepare 6 pieces of old linen dipped in boiling water and well-floured. Roll out the dough on a floured board to about $\frac{1}{8}$ inch thickness. Cut in squares large enough to cover the apples. Place an apple in the center of each square. Fill the center of the apple with some quince preserve and sprinkle the apple copiously with sugar. Wet the edges of the dough with milk and fold together, the points meeting on the top. Pinch the edges slightly together. Place each dumpling in a cloth and tie securely but leave plenty of room for the dumpling to swell. Boil plenty of water in a big pot and put the dumpling in when boiling. Cover at once and continue to boil for three quarters of an hour without once removing the cover.

Remove the cloths and place dumplings on hot platter. Serve with powdered sugar and cream, or a bowl of preserved quinces and cream.

Bucks County Colonial

(CONTINUED FROM PAGE 22)

A wide variety of architectural expression was introduced in the treatment of finish. Upon the exterior, the simple stone walls tended to confine architectural treatment to doors, windows and cornices. These were usually designed quite simply, with almost no carved ornament. Upon the interiors, the deep window and door reveals, mantelpieces, cupboards, etc., seem to have invited the production of exquisite examples of Colonial paneling. The greatest variety and freedom appear in the use of moldings. But, curiously enough, this elaboration is confined almost entirely to the woodwork.

Ornamental plaster work common in this period in other parts of the country is almost unknown here.

The architecture as a whole is marked by its simplicity, its purity, its direct adaption to purpose, its use of enduring and fine materials, its lasting, ingratiating charm. These qualities are partially explained by its origin, its materials and its peculiarities of plan. But its essential spirit derives from something apart. It is the outward expression of the philosophy of the builders. To appreciate the style one must understand Quaker virtues. The Quaker spirit illumines it.

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A greenhouse?

(CONTINUED FROM PAGE 58)

It is not necessary, however, to keep a greenhouse heated to the temperature usually required in the home. As a matter of fact, 70° through fire heat is far too high for the well-being of all but truly tropical plants, and it is for this reason that plants in ordinary living rooms quickly go to pieces. This in itself is one definite argument for a greenhouse of your own. A wide variety of plants can be grown under glass with a night temperature not above 55°; indeed, it is easily possible to have flowers all through the Winter if the night temperature ranges between 45° and 50° F. With the right sort of heating outfit it is not at all difficult to maintain this temperature without attention for 12 hours or more; my own little greenhouse boiler is fired twice a day and between times it is not touched. The house is well piped and the boiler is capable of giving all the heat desired without the least driving. Four tons of nut coal is sufficient to keep both greenhouse and garage comfortable. As the Fall is usually warm in the daytime, I do not start the boiler until well into November, an ordinary oil heater serving on frosty nights, as it does in the late Spring. Often during the Winter and early Spring half of the pipes are shut off by a valve.

CULTURAL PROBLEMS

So much for the mechanical side; what now of the cultural problems? Maybe you are asking, "How about ventilating, watering and so forth, if circumstances compel me to be away from home ten or twelve hours daily?"

As regards ventilation, there must perforce be some one at home to attend it, unless an automatic device is installed. All through the year ventilation must be attended to, and a safe maxim is not to allow the temperature to rise above 70° through the sun's influence without raising the ventilators a little. It is bad policy to let it run up to 90°, as it will do quickly, and then open the ventilators wide. The automatic ventilator lift is ideal if it works, but I have had no experience with it.

Shading is another problem one must leave to home folk, because in a flowering plant house it is poor policy to have permanent shading on the glass except at the front and sides. For the

amateur who cannot always be in attendance, roller blinds of wood slats are ideal, as they can be out of the way on dull days. Shade at some periods of the day is absolutely essential between early March and late September; the rest of the year no shade whatever is necessary for anything except seeds and tiny seedlings.

CONCERNING WATERING

Watering is the only other problem, but if you are home daily you can deal with this morning and evening without relying upon any one else. Theoretically it is wrong to water plants in the evening but it can be done even in Winter without slopping water around unnecessarily. The secret of watering cannot be told; one has to learn by experience. There is no judging whether a pot plant needs water by looking at the soil surface, or even feeling it. One gets to know by lifting or tapping the pots, and if still in doubt, by knocking the ball out of the pot and examining it. In the neighborhood of New York, at least, soil and pots have a way of looking moist because of the green algae that persistently form on them at all times of the year. If the greenhouse has a natural earth floor, damping down is practically unnecessary at any time, even in midsummer. The insect problem is one that is not difficult to control, however, if fumigating and spraying are regularly done. Don't wait for aphids, mealy-bug and the rest of the wretched pests to get strongly entrenched, as then it's too late. Act early and save yourself trouble and possible loss of treasured plants.

As to what can be grown in one house, the selection is almost endless. You may perhaps wish to emulate the commercial florist and grow cut flowers in benches, which means simplified watering but a limited variety of subjects that can be successfully grown with a night temperature not above 50° in Winter. These include Carnations, Chrysanthemums and various annuals raised from seed, such as Snapdragons, Calendulas, Stocks, Winter Marigolds, Sweet Peas and so forth. The real satisfaction, however, lies in pot grown plants, as with these you can have something in flower every day in the year, especially if you have a cold-

(Continued on page 77)

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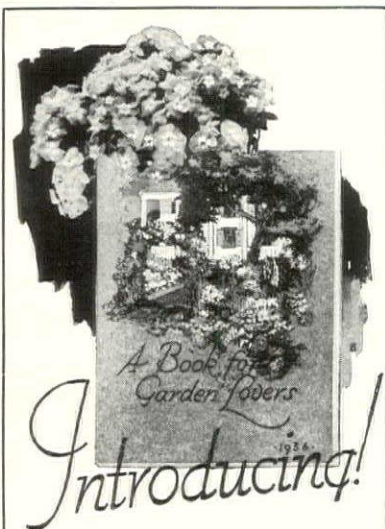
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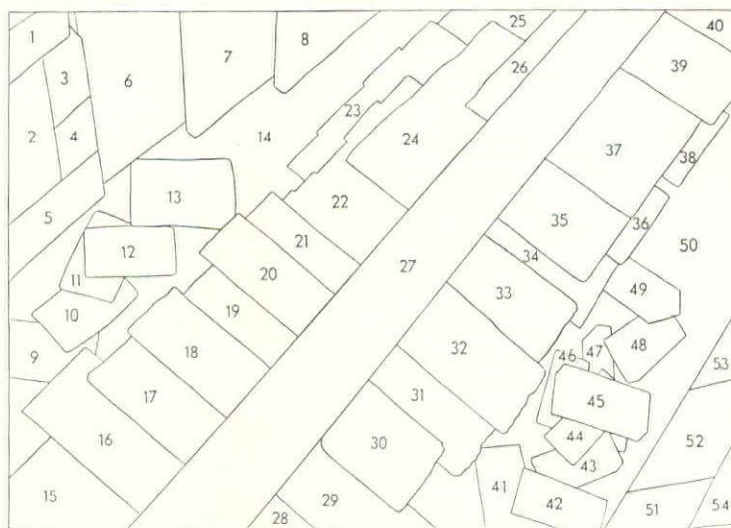
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Rock garden evergreens

(CONTINUED FROM PAGE 73)

also has a bluish cast but all these prostrate Junipers are beautiful with their fernlike branches and graceful spreading habit. *J. virginiana globosa* is compact, round-topped and taller than broad, and of a nice green hue.

There have been many dwarf seedlings from the *Arborvitae* (*Thuja*) and they are both hardy and handsome, their drawback being a tendency to turn rusty in winter. The smallest is *T. occidentalis*, Little Gem, an enchanting small thing, a ball of feathery branchlets. *T. o. Ellwangeriana* Rheingold is a compact and slow-growing kind, somewhat pointed in form, though broad at the base and a very nice "yellow" in color. *T. o. globosa* is also good but it is taller and broader, and I have found this particular kind more prone to winter rust than the others.

In my rock garden a very beautiful bush has grown for many years under the name of *T. orientalis Spathi*, but which I now have good reason to be-

lieve to be properly *T. occidentalis Ohlendorffii*. It is most distinct in appearance, having two kinds of foliage, juvenile and adult, the former predominating, but each branch bearing both kinds, the result being a most interesting texture. It grows very slowly, forming a mass of soft ferny foliage, rather globular but narrowing towards the apex. I am always asked "What is that?" by visitors to the garden.

Of course there are many more, but these will do for a beginning and you will be lucky if you can collect them all in a twelve-month. Each is a distinct personality and brings its own kind of pleasure. Of course in planting little trees in the rock garden they should be accorded the same consideration that is given their taller prototypes in the wider landscape; that is, wide, roomy holes for the roots, and generous watering after planting in dry weather, with frequent spraying of the tops, and some sort of protection in winter for any that are known to be tender.

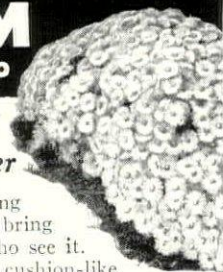


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A greenhouse?

(CONTINUED FROM PAGE 75)

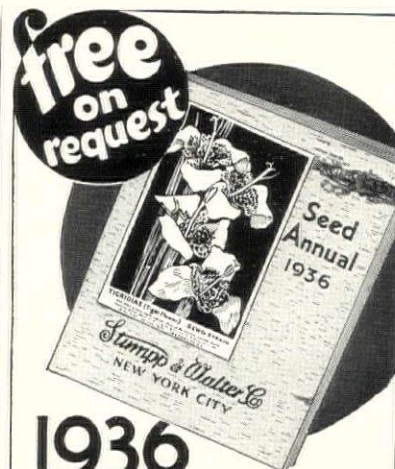
frame as a supplementary feeder. Starting in November, my own perpetual show begins with Nerines, and Roman Hyacinths, followed by Lachenalias, which in variety carry on for several months. Freesias in variety, various so-called Dutch bulbs, Tritelia, Irises, yellow Callas, Watsonias, Baby Gladiolus, Veltheimia, Ornithogalums in variety, Ixias, Leucocoryne and Amaryllis, all bulbous, some of them rarely if ever to be found in florists' establishments, ensure an endless variety of blooms until the Spring. In addition, and raised mostly from seed annually, are Cyclamens, Primulas in three types, Cinerarias, Streptocarpus, Calceolarias, and dwarf Sweet Peas, which run into June. Then tuberous Begonias take up the runnings, and they persist along with Gloxinias and Caladiums in providing color up to November. A few pot-grown Chrysanthemums could be managed at a pinch, although I have not felt the need of them with so many growing outdoors; but I do find room for one or two Azaleas, Poinsettias, and a Gardenia.

But the usefulness of the greenhouse does not end with the production of flowering plants. Of equal importance is its value for seed raising. With a house run at this temperature I find it possible to raise and keep growing all Winter the rarer Asiatic Primroses and sundry alpine plants and get them to flowering size in half the time possible with cold-frames alone. Delphiniums sown in January can be flowered from July on, and sundry other perennials also gain a season by early sowing.

Have I said enough to convince you that you are missing the greatest of plant experiences if you do not own a greenhouse? You can, because the pots are close under your eye and less liable to be ravaged by bugs, raise all kinds of seeds that are hopeless in a frame; you can root cuttings of many plants with far greater ease at all times of the year; you can force bulbs, graft little evergreens, and generally try a whole lot of things you've dreamed of. For example, in the past twelve years I had striven to raise a good stock of *Primula rosea* and the *Bartley* pink *pulverulenta* from seed, but only once did I succeed in germinating the former to the extent of one or two plants, and scarcely any better with the *Bartley*. In the greenhouse, though, from one pot of each sown in the Fall of 1934, I pricked off nearly 1,000 tiny seedlings into two flats. They were put in a cold-frame in March and planted out in May, a number of them actually flowering.

The operating expenses of a small or moderate size greenhouse, aside from fuel, are not great. The cost of lighting for night work is a mere detail; insecticide and fumigating costs are light. The expense of stocking the house depends entirely upon what you choose to grow. Necessary and essential expenditures include those for flower pots and pans from 1½ inches to 10 inches diameter, flats, leaf-mold, sand, loam and fertilizers. Beyond these, no more is required than your own enthusiasm—and as for that, whoever heard of putting a money charge against it?

—T. A. WESTON.



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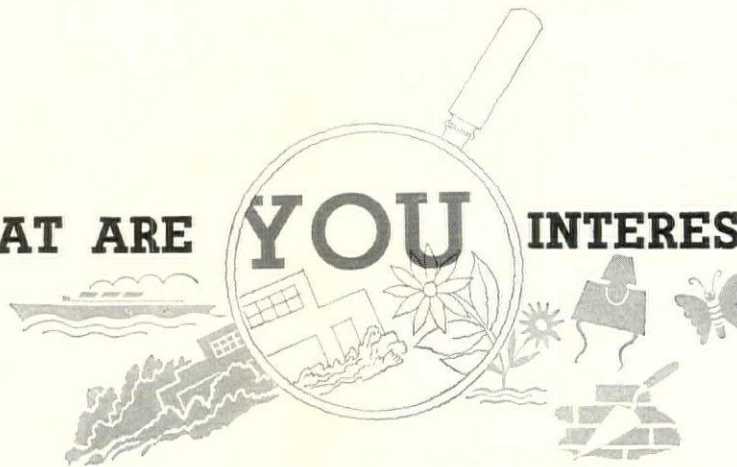
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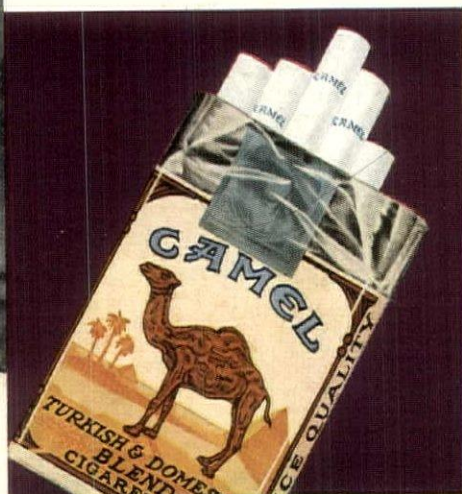
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Miss Vivian Dixon is the débutante daughter of Mr. and Mrs. George Dixon of New York and Long Island. "One's first season is exciting," she says. "There are so many parties...so many things to do. But all the rushing about does tire you sometimes, and that's when smoking a Camel makes such a difference. It gives you a splendid 'lift' in energy, and makes it so much easier to go on enjoying things." You'll agree with Miss Dixon, because Camel spends millions more every year for finer, more expensive tobaccos.



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